

MODEL 3605 70CM PIVOT FOLD EXPORT PLANTER PARTS MANUAL

M0312-02

Rev. 11/25

This manual applies to:

- Model: 3605 Pivot Fold Planters
- 16 Row 70 CM "Y" Hitch; 2025 Production and on
 - 12 Row 70 CM "Y" Hitch; 2025 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.

Hardware Size / Tool Required			
$\frac{1}{4}" = \frac{7}{16}"$	$\frac{7}{16}" = \frac{5}{8}"$ (nut for $\frac{7}{16}"$ hardware uses $\frac{11}{16}"$ tool)	$\frac{3}{4}" = 1\frac{1}{8}"$	$1\frac{1}{4}" = 1\frac{7}{8}"$
$\frac{5}{16}" = \frac{1}{2}"$	$\frac{1}{2}" = \frac{3}{4}"$	$\frac{7}{8}" = 1\frac{5}{16}"$	$1\frac{1}{2}" = 2\frac{1}{4}"$
$\frac{3}{8}" = \frac{9}{16}"$	$\frac{5}{8}" = 1\frac{5}{16}"$	$1" = 1\frac{1}{2}"$	

ROW UNIT

Pull Row Unit Assembly	P1
Shank Assembly, Seed Tube, and Depth Adjustment	P2
Pneumatic Down Pressure Package Option	P4
Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option	P6
15" Seed Opener Disc Blade/Bearing Assembly and Scrapers	P8
Ag Leader Electric Clutch	P10
Gauge Wheels	P12
"V" Closing Wheels	P14
Hopper Support and Meter Drive	P16
Row Unit Idler (Ground Contact Drive)	P18
Row Unit Idler (Electric Clutch)	P19
Seed Meter Stepper Motor Pinion Press Kit	P20
Seed Hopper and Lid	P21
Blue Drive Row Unit Components	P22
Hydraulic Down Force Pull Row Unit	P24
Drag Closing Attachment	P26
Bulk Fill Meter Mount	P27
Vacuum Seed Meter	P28
Granular Chemical	P30
Granular Chemical Hopper and Hopper Panel Extension (Blue Drive)	P32
Granular Chemical Meter (Electric Drive)	P34
Granular Chemical Meter and Meter Drive	P36
Granular Chemical Hopper and Hopper Panel Extension	P37
Row Unit Mounted Residue Wheel	P38
Coulter Mounted Residue Wheels	P40
Row Unit Mounted No Till Coulter	P42
True Speed Row Unit	P44
True Speed Seed Delivery System W/Driver	P46
Seed Delivery Rail Assembly	P47
True Speed Seed Delivery System Assembly	P48
True Speed Seed Meter	P52
True Speed Meter Housing	P54
True Speed Meter Cover	P56
True Speed Mini-Hopper	P58

SPLIT ROW

Split Row Push Unit	P61
Split Row Push Unit Assembly	P62
Push Row Unit Idler (Ground Contact Drive)	P65
Ag Leader Electric Clutch, Push Unit	P66
Split Row Blue Drive Push Unit	P68
Split Row True Speed Push Unit	P70
Split Row Push Unit Drive	P72

Split Row Hydraulic Downforce Hoses and Fittings, 16 Row	P74
Split Row Hydraulic Downforce Hoses and Fittings, 12 Row	P76

VACUUM SYSTEM

Manifolds and Mounts	P82
Vacuum System	P84
Vacuum Fan Assembly	P86
Vacuum Hoses (True Rate)	P87
Vacuum Fan Hydraulic Components	P88
Dual Stage PTO Pump, Oil Cooler & Reservoir	P90
Dual Stage PTO Vacuum and Bulk Fill Hoses	P92
Single Stage PTO Pump, Oil Cooler & Reservoir	P94
Dual Stage PTO Oil Reservoir Assembly	P96
Single Stage PTO Oil Reservoir Assembly	P98
PTO Gear Pump Mount Assembly (Before 2025)	P100
PTO Gear Pump Mount Assembly (2025)	P101
Pump with Mount Adapter	P102
Guide Tool	P103

BULK FILL

Bulk Fill Fan System	P104
Bulk Fill Hoses, 12 Row	P106
Bulk Fill Hoses, 16 Row	P107
Bulk Fill Catwalk	P108
Bulk Fill Manifolds and Mounts	P113
Bulk Fill Entrainer Assembly, 12 Row	P114
Bulk Fill Entrainer Assembly, 16 Row	P116
Bulk Fill Tank Assembly	P118
Bulk Fill Scale Package	P120
Bulk Fill Vacuum Row Unit	P122
Bulk Fill Split Row Push Unit	P124
Bulk Fill Fan Hydraulic Components	P126

BASE MACHINE

Outer Hitch	P128
2-Point Hitch Option	P130
Wing Lock	P131
Inner Hitch, "Y"	P132
Hose Take-Up	P135
Center Frame	P137
Wing Frame	P140
Center Pivot	P142
Axle Assembly	P144
Axle Sub-Assembly	P145
Center Frame Wheel	P146

Drive Shaft(s)	P148
Contact Wheel	P150
Contact Drive Sprockets & Chains	P151
Seed Rate Transmission and Row Unit Drill Shafts.	P152
Inner Module Drive	P154
Point Row Clutch	P156
Pneumatic Down Pressure Control Console, Sending Unit, and Harnesses	P158
Air Compressor, Dual Solenoid Assembly, Tubing, and Fittings.	P160
Row Marker Assembly	P162
Row Marker Stand	P165
Row Marker Spindle/Hub/Blade.	P166
Water Tank Assembly	P168
Implement Switch Assemblies	P169
Row Marker Cylinder	P170
Rotation Cylinder	P171
Wing Lift Cylinder, 12 Row.	P172
Wing Lift Cylinder, 16 Row.	P173
Center Lift Cylinder	P174
Wing Lock Cylinder	P176
Tongue Lock Cylinder	P177
Transport Latch Cylinder	P177
Tongue Cylinder.	P178
Wing Down Pressure Cylinder.	P180
Hydraulic Down Force Cylinder	P181
Junction/Valve Blocks - Located on R.H. Rear Center Frame	P182
Valve Blocks - Located on R.H. Rear Center Frame	P184
Valve Block - Located on Hitch	P186
Wing Down Pressure Valve Block	P187
Active Hydraulic Weight Transfer Valve Block	P188
Fertilizer Pump Hydraulic Block.	P189
PTO Oil Reservoir Hydraulic Block (Blue Drive)	P190
Manifold Hydraulic Block Assembly.	P191
Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly), Ground Contact Drive	P192
Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly), Blue Drive	P193
Bulk Fill Fan Valve Block, Ground Contact Drive.	P194
Solenoid Valve.	P195
Bulk Fill Fan Valve Block, Blue Drive.	P196
PTO Pump Hydraulic Valve Block (Bulk Fill/Blue Drive)	P198
PTO Pump Hydraulic Valve Block (Bulk Fill/Ground Contact Drive).	P199
Base Machine Hydraulic Hoses and Fittings on Hitch.	P200

Base Machine Hydraulic Hoses and Fittings on Planter Frame, 12 Row	P202
Base Machine Hydraulic Hoses and Fittings on Planter Frame, 16 Row	P204
Wing Down Pressure Hydraulic Schematics	P206
Row Unit Control Blocks	P207
Blue Drive Power Pack Hydraulic Hose.	P208
Hydraulic Down Force Hoses and Fittings, 12 Row Pull Row Unit (Blue Drive)	P210
Hydraulic Down Force Hoses and Fittings, 16 Row Pull Row Unit (Blue Drive)	P211
Hydraulic Down Force Manifold Block Assembly.	P212

ELECTRONICS

Work Lights	P216
Transport Lights and SMV Sign.	P217
Electrical Components.	P218
KPM III Electronic Seed Monitor	P220
Miscellaneous Display Parts	P223
Ag Leader Electric Clutch Package	P224
Connects to Split Row Electric Clutch	P224
Planter Monitor Module (PMM)	P226
Wing Mounted Power Pack	P229
Power Pack Assembly	P230
IPN, IPR, IPP Modules Center Mount	P232
IPP Module Assembly Mounting	P234
Blue Vantage Wheel Speed Sensor	P235
Blue Vantage Display.	P236
Blue Drive Blue Vantage Interconnect, 16 Row.	P238
Ethernet Interconnect, 16 Row	P240
Blue Drive Blue Vantage Interconnect, 12 Row.	P242
Ethernet Interconnect, 12 Row	P244
True Speed Harness Interconnect, 16 Row.	P246
True Speed Harness Interconnect, 12 Row.	P248
True Speed Ethernet Interconnect, 16 Row.	P250
True Speed Ethernet Interconnect, 12 Row.	P251
Liquid Fertilizer True Rate Interconnect, 12 Row.	P252
Liquid Fertilizer True Speed Interconnect, 12 Row	P253
Liquid Fertilizer True Rate Interconnect, 16 Row.	P254
Liquid Fertilizer True Speed Interconnect, 16 Row	P255
BV Liquid Fertilizer True Rate Interconnect, 12 Row.	P256
BV Liquid Fertilizer True Speed Interconnect, 12 Row	P257
BV Liquid Fertilizer True Rate Interconnect, 16 Row.	P258
BV Liquid Fertilizer True Speed Interconnect, 16 Row	P259
PTO Harness Interconnect	P260
Blue Vantage Cameras	P262
Liquid Fertilizer Pump IPN.	P263

PTO Package Electrical Schematic	P264
--	------

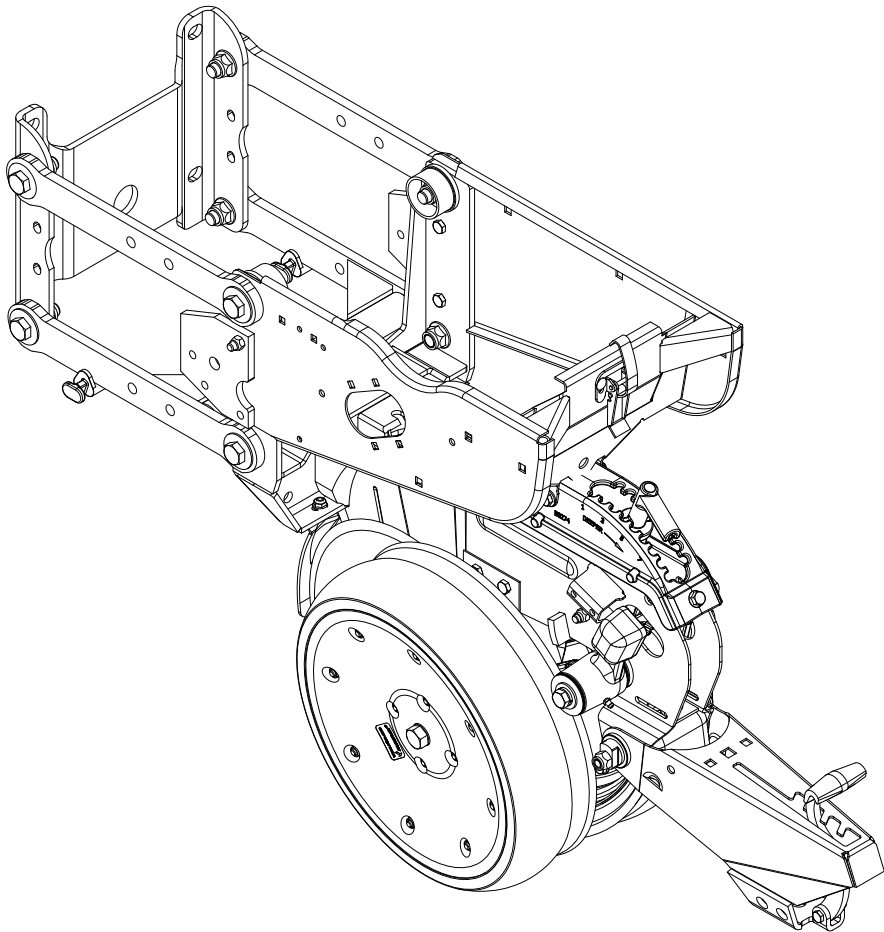
FERTILIZER

Double Disc Fertilizer Opener and Mount	P264
HD Single Disc Fertilizer Opener (Blade and Drop Tube)	P266
Notched Single Disc Fertilizer Opener	P268
Residue Wheel Attachment for Notched Single Disc Fertilizer Opener	P270
Depth/Gauge Wheel Attachment for Notched Single Disc Fertilizer Opener	P272
Hose Adapter Assembly	P274
Liquid Fertilizer Drop Tube Assembly	P276
Liquid Fertilizer Tube In Furrow	P277
Dry Fertilizer Transmission	P278
Dry Fertilizer Drive	P280
Dry Fertilizer Hopper	P282
Dry Fertilizer Hopper Mounts	P284
Dry Fertilizer Coupler/Shafts	P285
Dry Fertilizer Transmission W/ Blue Drive, 12 Row	P286
Dry Fertilizer Transmission W/ Blue Drive, 16 Row	P288
GCD Liquid Fertilizer System	P290
Piston Pump Mount and Ground Drive Wheel (GCD)	P292
Liquid Fertilizer Tanks, Saddles, Saddles Mounts, and Tank Fittings (Conventional, GCD)	P294
Liquid Fertilizer Tanks, Saddles, Saddles Mounts, and Tank Fittings (Bulk Fill, GCD)	P296
Ground Drive Wheel Mount Assembly (GCD)	P298
Piston Pump Mount and Fittings (GCD)	P300
Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket) (GCD)	P302
Liquid Piston Pump Flow Divider Mount (GCD)	P304
Liquid Fertilizer Fill Valve Mounting Assembly	P305
Liquid Fertilizer Piston Pump Flow Divider (GCD)	P306
Fertilizer Pump Mount	P308
Diaphragm Fertilizer Pump Assembly (Blue Drive)	P309
Fertilizer Sensors (Blue Drive)	P310
Diaphragm Fertilizer Pump Ball Valve and Filter (Blue Drive)	P311
Flow Meter Assembly (Blue Drive)	P312
BV-controlled Liquid Fertilizer Manifolds, 12 Row	P314
BV-controlled Liquid Fertilizer Manifolds, 16 Row	P316
Fertilizer Manifold Parts	P318
Diaphragm Liquid Fertilizer Pump Assembly (Blue Drive)	P319
Diaphragm Pump Assembly	P320
Pressure Regulator	P322

Manifold Y Strainer Assemblies	P323
Manifold Row Flow Assembly	P324
Fertilizer Flow Meter Assembly	P325
Fertilizer Flow Meter Cover	P326
Orifice Storage Box	P327
Center Tee Holder Assembly (Blue Drive Liquid Fertilizer)	P328
3-Way Valve Unit Assembly (Blue Drive Liquid Fertilizer)	P329
Front and Rear Tee Assembly (Blue Drive Liquid Fertilizer)	P330
Liquid Fertilizer 300 Gal. Tank Assembly (Blue Drive)	P332
Liquid Fertilizer 200 Gal. Tank Assembly (Blue Drive)	P334
Liquid Fertilizer 200 Gal. Tank Pre-Assembly (Blue Drive)	P335
Tank Mount Support Arm	P336
Liquid Fertilizer Assembly Tees (Blue Drive, Bulk Fill)	P337
Hoses for BV-controlled Liquid Fertilizer	P338
BV Liquid Misc. Parts	P339
BV Liquid Hose Holders & Brackets	P340
Rear Trailer Hitch, Bulk Fill	P342

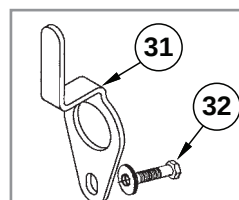
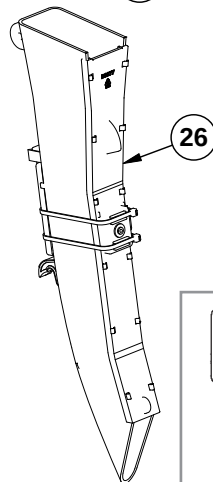
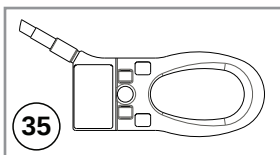
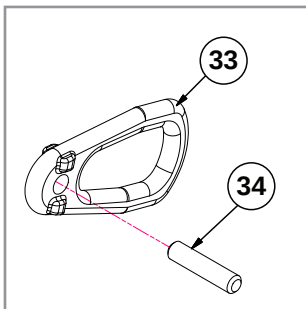
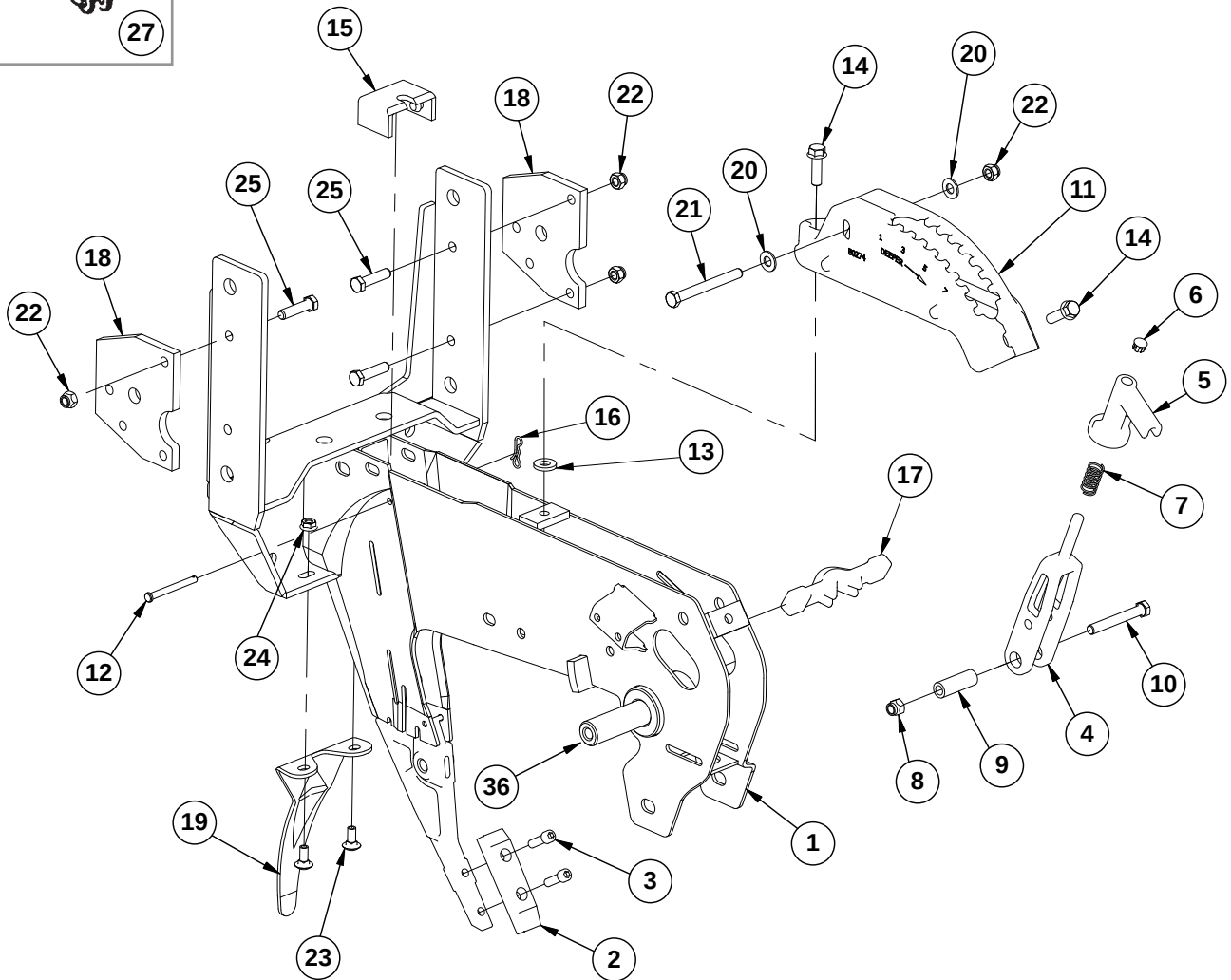
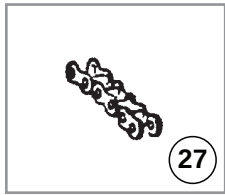
NUMERICAL INDEX P358

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.

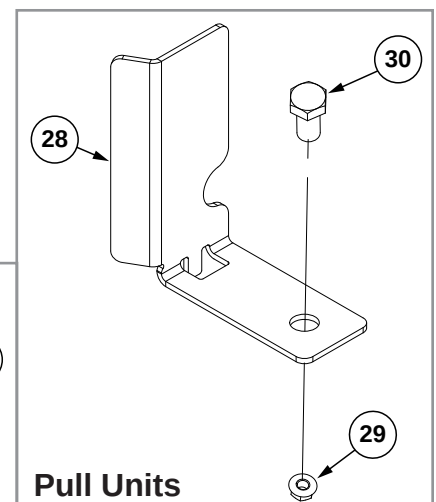


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10502X	1	Pull Row Unit Assembly (Standard Gauge Wheels)
2	G10984X	1	Pull Row Unit Assembly (Spoked Gauge Wheels)
3	G10921X	1	Pull Row Unit Assembly (Spoked Gauge Wheels), True Speed

(IP1577)



Push Units

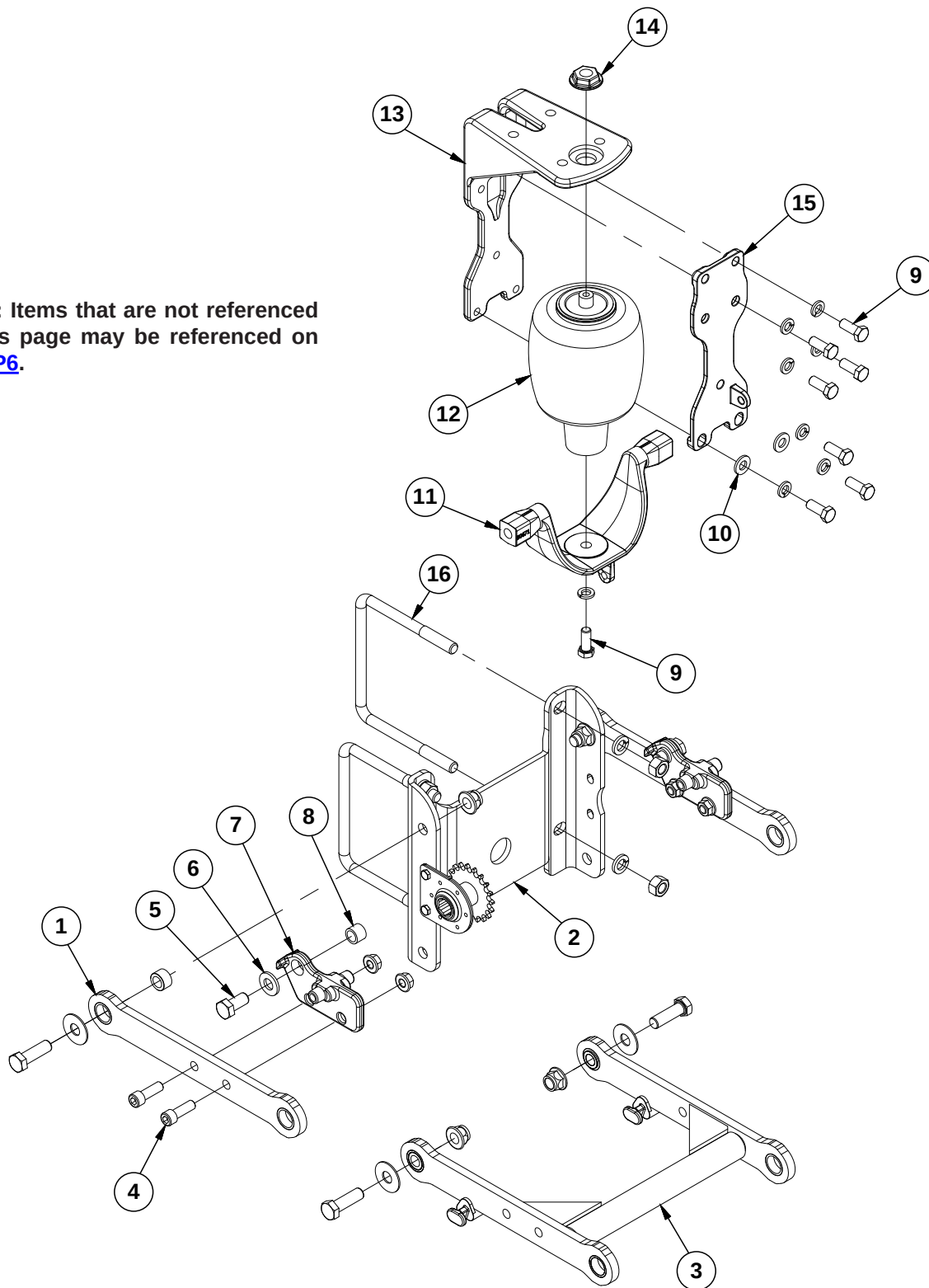


Pull Units

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA10157	1	Shank W/Gauge Wheel Pivot Spindle and Set Screw (True Rate)
	G10258402	1	Shank (True Speed)
2	G10038601	1	Scraper
3	G10500901	2	Hex Socket Head Cap Screw, 5/16"-18 x 1"
4	GB0267	1	Lever, Depth Adjustment
5	GB0266	1	Handle, Depth Adjustment
6	GD3612	1	Cap Plug
7	GD10993	1	Spring
8	G11591	1	Nylon Lock Nut, 3/8"-24, Grade C
9	GD11259	1	Sleeve, 3/8" I.D. x 5/8" O.D. x 1 ²⁵ / ₃₂ " Long
10	G11592	1	Hex Head Cap Screw, 3/8"-24 x 2 ³ / ₄ ", Grade 8
11	GB0274	1	Cover, Depth Adjustment
12	G10551	1	Clevis Pin, 1/4" x 2 1/2"
13	G10207	1	Washer, 7/8" O.D. x 1 ¹³ / ₃₂ " I.D. x .134" (If Applicable)
14	G11015	2	Hex Washer Head Cap Screw, 3/8"-16 x 1 ¹ / ₄ "
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, 3/8" SAE
21	G10061	1	Hex Head Cap Screw, 3/8"-16 x 3 1/2"
22	G10108	4	Lock Nut, 3/8"-16
23	G10312	2	Carriage Bolt, 5/16"-18 x 3/4"
24	G10620	2	Serrated Flange Nut, 5/16"-18
25	G10003	3	Hex Head Cap Screw, 3/8"-16 x 1 1/2"
26	GA21515	1	Seed Tube Assembly
27	G3303-108	1	Chain, No. 41, 108 Pitch Including Connector Link (Vacuum)
	G3303-16	1	Chain, No. 41, 16 Pitch Including Connector Link (Used W/Row Unit Extension Brackets)
	GR0196	-	Connector Link, No. 41
28	GD29798	1	Chain Guard
29	G10071	1	Serrated Flange Nut, 1/2"-13
30	G10014	1	Hex Head Cap Screw, 1/2"-13 x 1"
31	GD17014	1	Hose Guide, Push Units
32	G10753	1	Hex Head Cap Screw, 3/8"-16 x 4 1/2"
	G11387	7	Flat Washer, 3/8" SAE
	G10108	1	Lock Nut, 3/8"-16
33	GB0285	-	No True Depth Collar, Row Unit (Non-True Depth planters only)
34	G10402701	-	Depth Adjustment Pin
35	GA27146	-	Link Sensor, True Depth (True Depth equipped planters only)
36	GD11001	1	Spindle
	G10438	1	Hex Head Cap Screw, 1/2"-13 x 3/4"

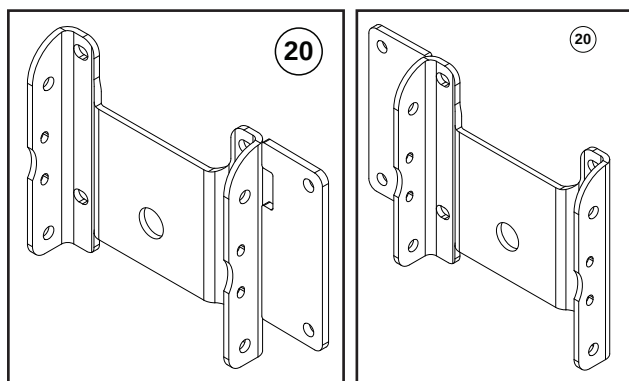
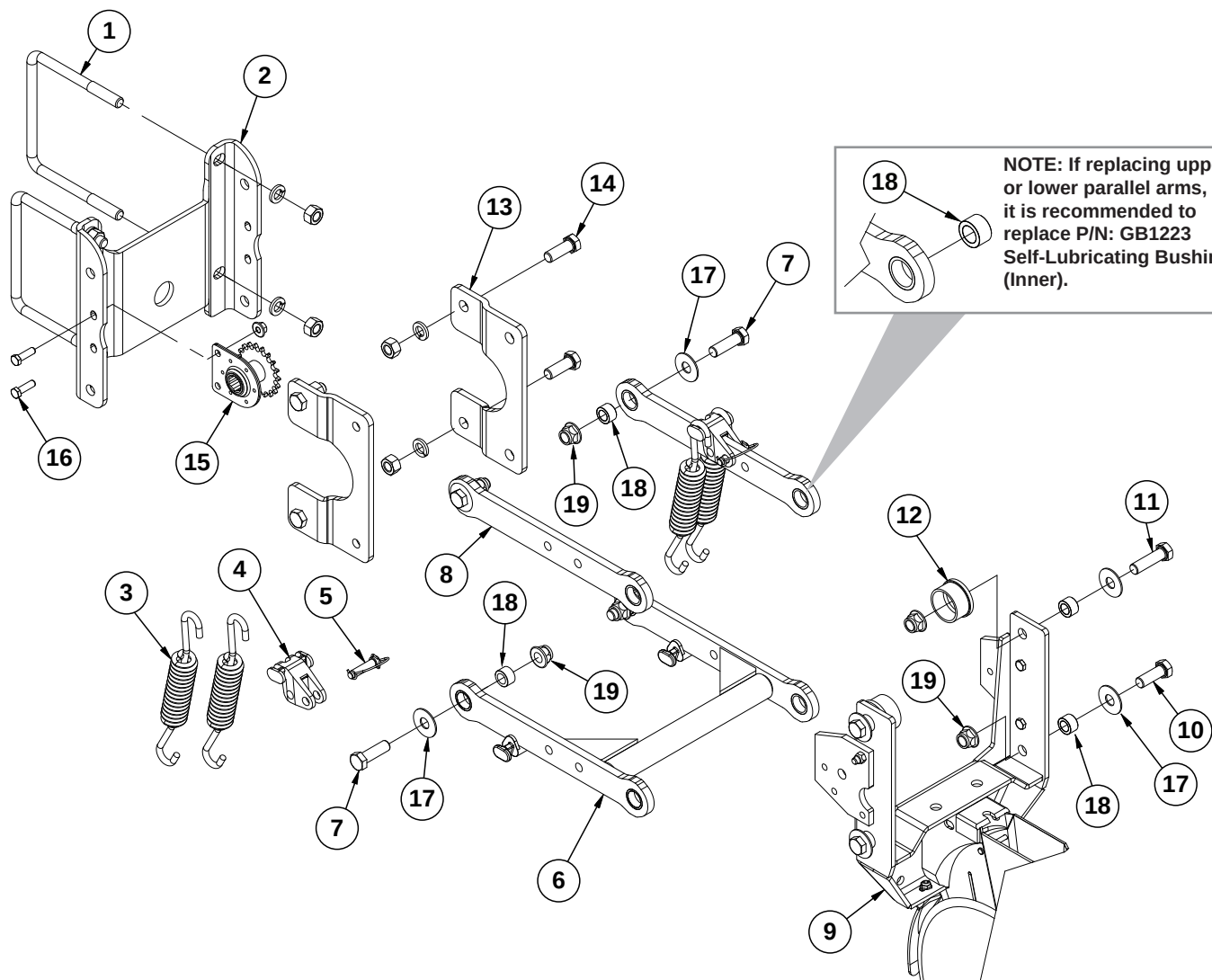
(IP1640)

NOTE: Items that are not referenced on this page may be referenced on [page P6](#).



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P6
2	GD10036	1	Mounting Support Plate
3	---	-	See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P6
4	G11220	4	Hex Socket Cap Screw, 1/2"-13 x 1 1/2"
	G10071	4	Serrated Flange Nut, 1/2"-13
5	G11018	2	Hex Head Cap Screw, 5/8"-18 x 1 1/4"
6	G11391	2	Flat Washer, 5/8" SAE
7	GB0395	2	Bracket
8	GD3180-30	2	Sleeve, 7/8" O.D. x 5/8" I.D. x 2 1/32"
9	G10037	8	Hex Head Cap Screw, 1/2"-13 x 1 1/4"
	G10228	8	Lock Washer, 1/2"
10	G11389	2	Flat Washer, 1/2" SAE
11	GD23995	1	Saddle
12	GA11982	1	Air Spring Assembly
13	GB0396	1	Head Mount
14	GB0397	1	Shoulder Nut, 3/4"-16
15	GB0393	1	Plate
16	---	-	See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P6

(IP1578)

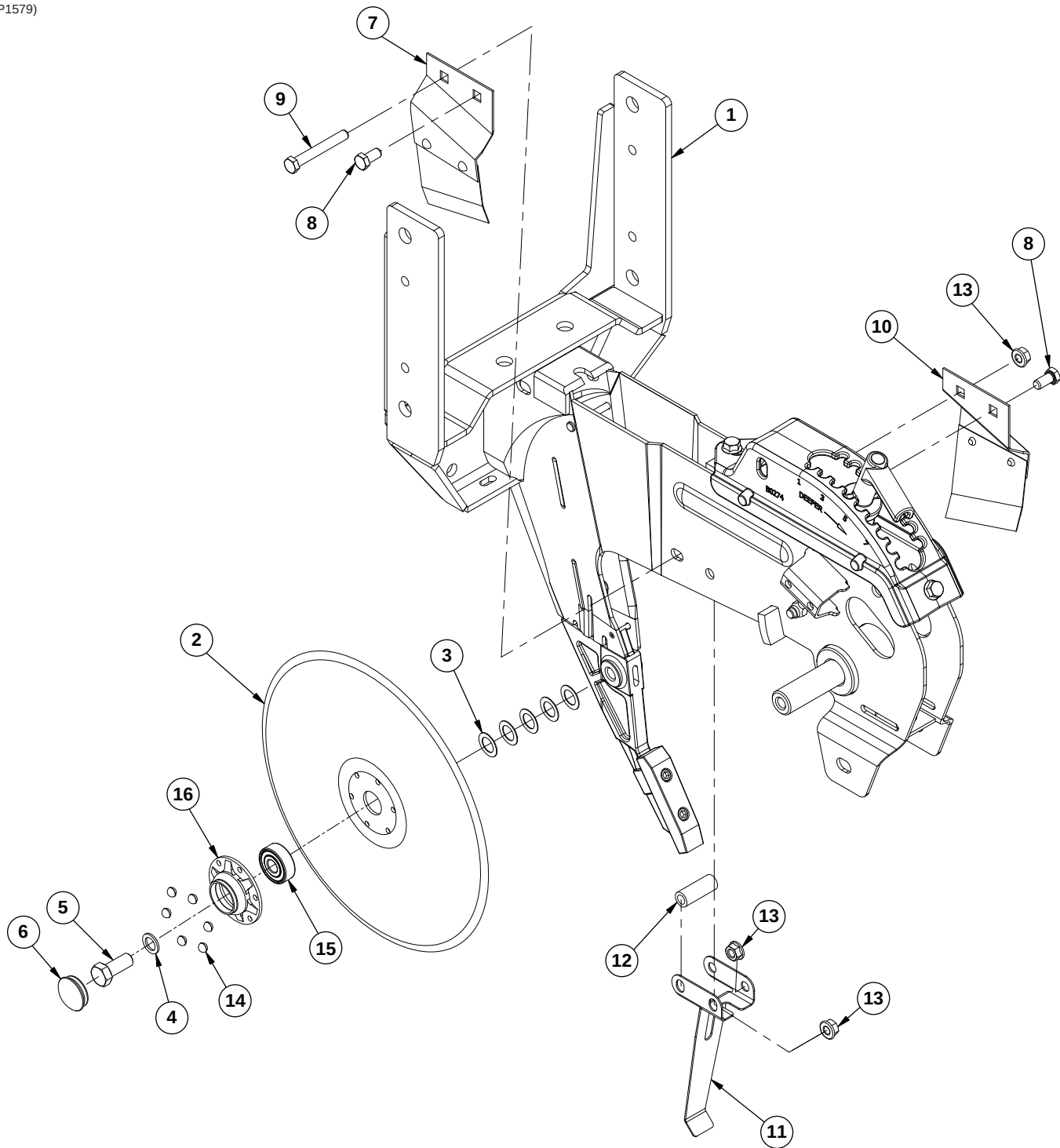


Row #4

Row #13

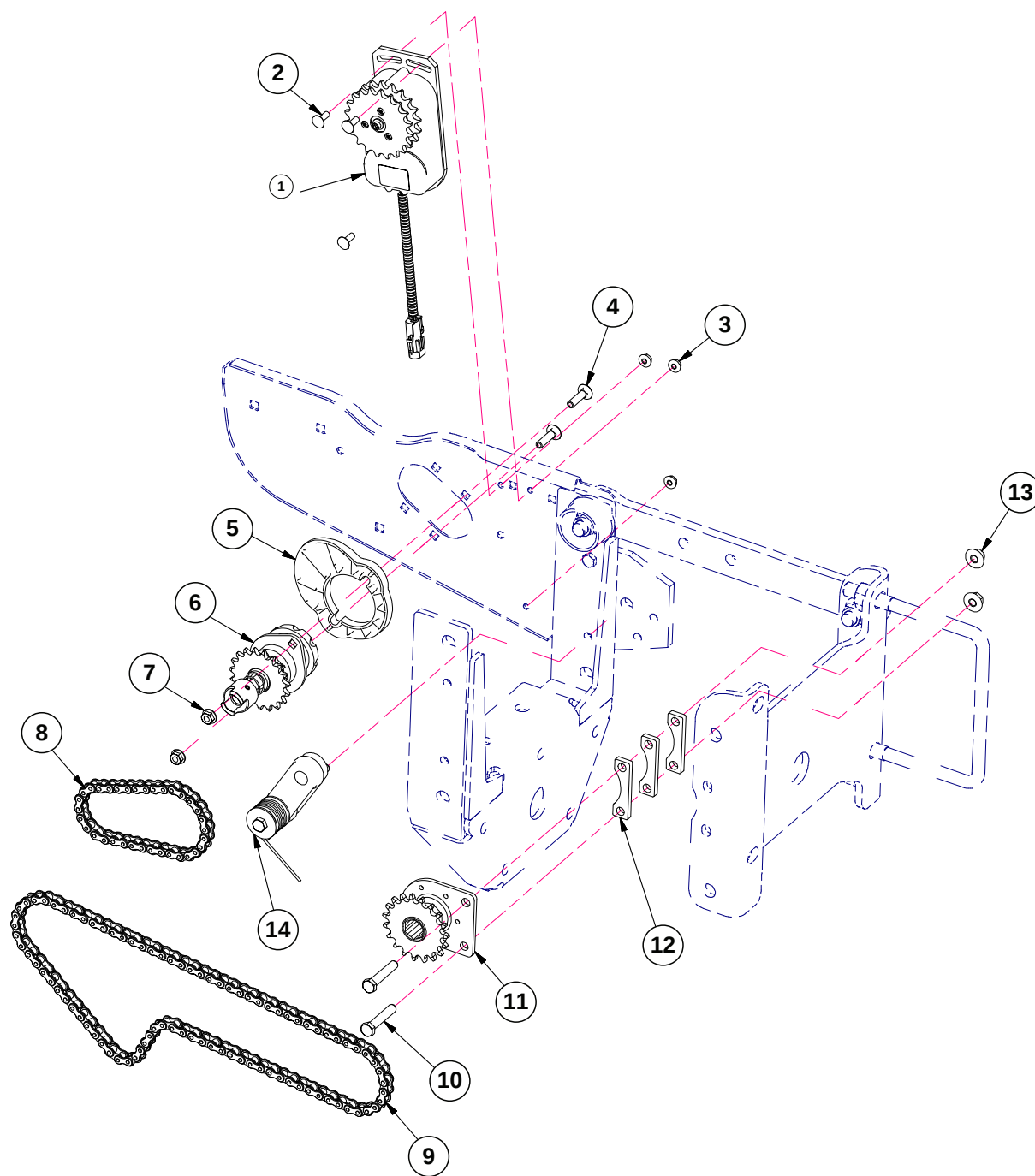
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GD1113 G11391 G10107	2 4 4	U-Bolt, 5" x 7" x 5/8"-11 Lock Washer, 5/8" Hex Nut, 5/8"-11
2	GD10036	1	Mounting Support Plate
3	GD21337	4	Heavy Duty Down Pressure Spring
4	GB0186	2	Spring Anchor
5	GD14217	2	Tab Lock Pin, 7/16" x 1 1/2"
6	G10011201 GB1224	1	Lower Parallel Arm Assembly Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in G10011201)
7	G10732	4	Hex Head Cap Screw, 5/8"-18 x 2"
8	G10011101 GB1224	2 2	Upper Parallel Arm Assembly Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in G10011101)
9	---	-	See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P2
10	G10751	2	Hex Head Cap Screw, 5/8"-18 x 1 3/4"
11	G10752	2	Hex Head Cap Screw, 5/8"-18 x 2 1/4"
12	GB0314	2	Hopper Mount
13	GB0366	2	Extension Bracket
14	G10005 G10230 G10104	4 4 4	Hex Head Cap Screw, 5/8"-11 x 1 3/4" Lock Washer, 5/8" Hex Nut, 5/8"-11
15	GA1720	1	Bearing/Sprocket, 7/8" Hex Bore
16	G10004 G11091	2 2	Hex Head Cap Screw, 3/8"-16 x 1 1/4" Serrated Flange Nut, 3/8"-16
17	G11976	8	Flat Washer, 5/8" x 1 3/4"
18	GB1223	8	Self-Lubricating Bushing
19	G11514	8	Lock Nut, 5/8"-18
20	GA17595	-	Offset Plate Mount, L.H.
21	GA17596	-	Offset Plate Mount, R.H.
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

(IP1579)



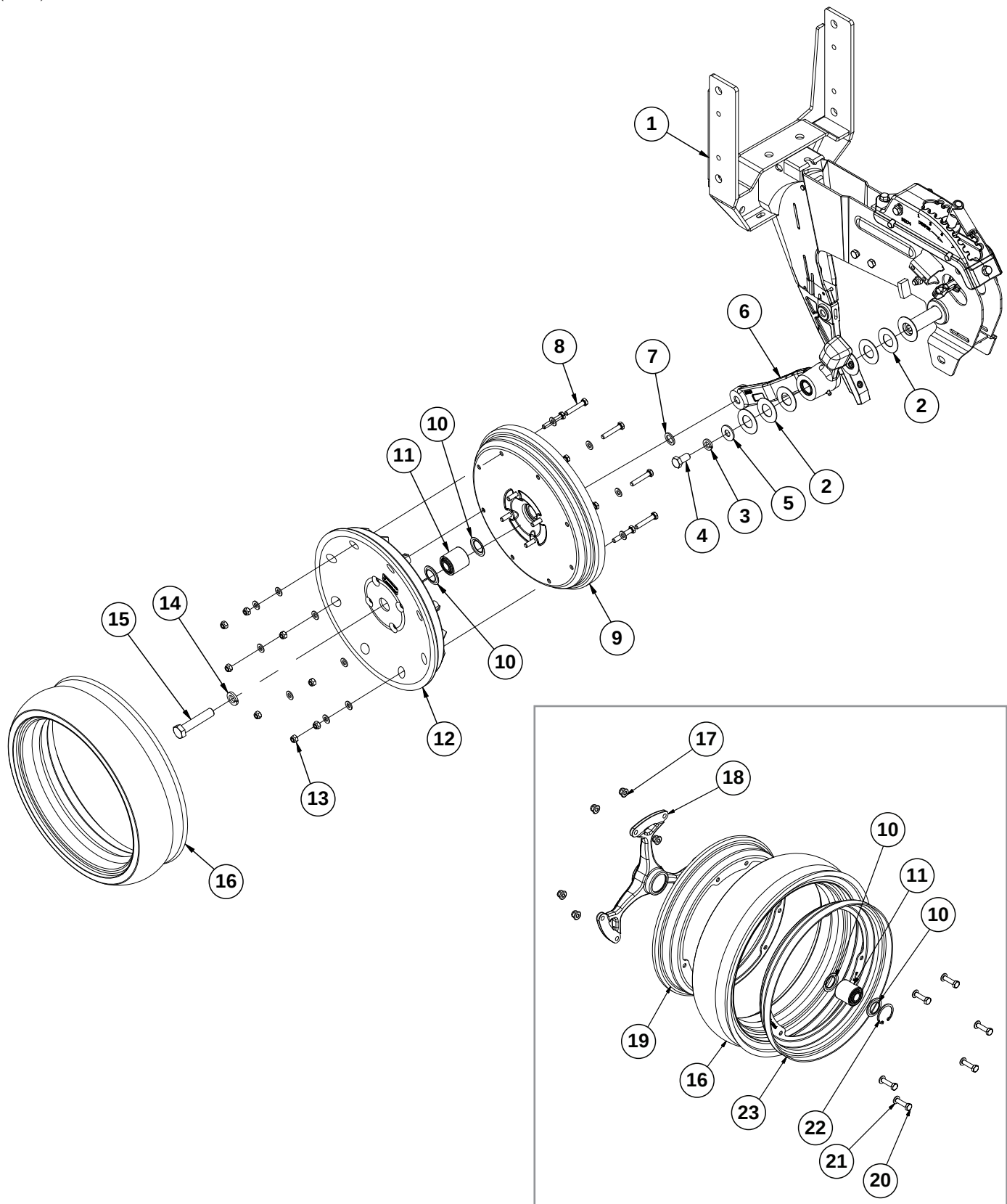
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10037301	1	See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P2
2	GD11306	1	Disc Blade, 3.5 mm x 15"
3	GD30725	10	Machine Bushing, 5/8" (.030" Thick) (5 Per)
4	G10204	2	Special Machine Bushing, 5/8" x 1" O.D.
5	GD36856	1	Opener Blade Bolt, 5/8"-11 x 1 3/4", Grade 5
	G10005	1	Hex Head Cap Screw, 5/8"-11 x 1 3/4"
6	G10090401	2	Plastic Ribbed Hub Cap (1 Per)
7	GA2012L	1	Disc Scraper, L.H.
8	G10002	2	Hex Head Cap Screw, 3/8"-16 x 3/4"
9	G10325	1	Hex Head Cap Screw, 3/8"-16 x 2 3/4"
10	GA2012R	1	Disc Scraper, R.H.
11	GD35444	1	Seed Tube Bracket
12	GD2971-26	1	Sleeve, 3/8" I.D x 5/8" O.D. x 1.63" Long
13	G10622	3	Serrated Flange Nut, 3/8"-16
14	GD36990	6	Rivet, 1/4" x 9/16"
15	GA26920	1	Bearing
16	GD36860		Bearing Housing
A	G10018801	-	Disc Blade/Bearing Assembly, Less Dust Cap (Items 2, 14-16)

(IP1664)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA16374	1	Electric Clutch
2	G10310	3	Carriage Bolt, 1/4"-20 x 3/4", Grade 2
3	G10621	3	Serrated Flange Nut, 1/4"-20
4	G10338	2	Carriage Bolt, 5/16"-18 x 1 1/4"
5	GB0331	1	Clutch Adapter Plate
6	GA20640	1	Seed Meter Clutch Assembly, 11/28 Tooth (Vacuum)
7	G10620	2	Serrated Flange Nut, 5/16"-18
8	G3303-44	1	Chain, No. 41, 44 Pitch Including Connector Link (Vacuum)
9	G3303-88	1	Chain, No. 41, 88 Pitch Including Connector Link (Pull Row Unit, Shown)
	G3303-103	1	Chain, No. 41, 103 Pitch Including Connector Link (4 Center Row Units Only)
10	G10048	2	Hex Head Cap Screw, 3/8"-16 x 2"
11	GA1720	1	Adapter Clutch HS Driver Cable
12	GD23774	3	Spacer
13	G11091	2	Serrated Flange Nut, 3/8"-16
14	---	1	See "Row Unit Idler (Electric Clutch)" on page P19

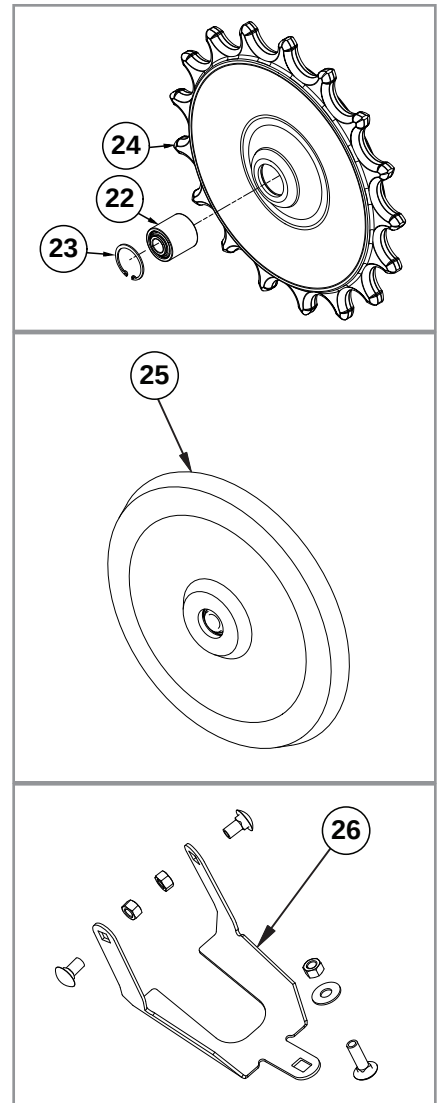
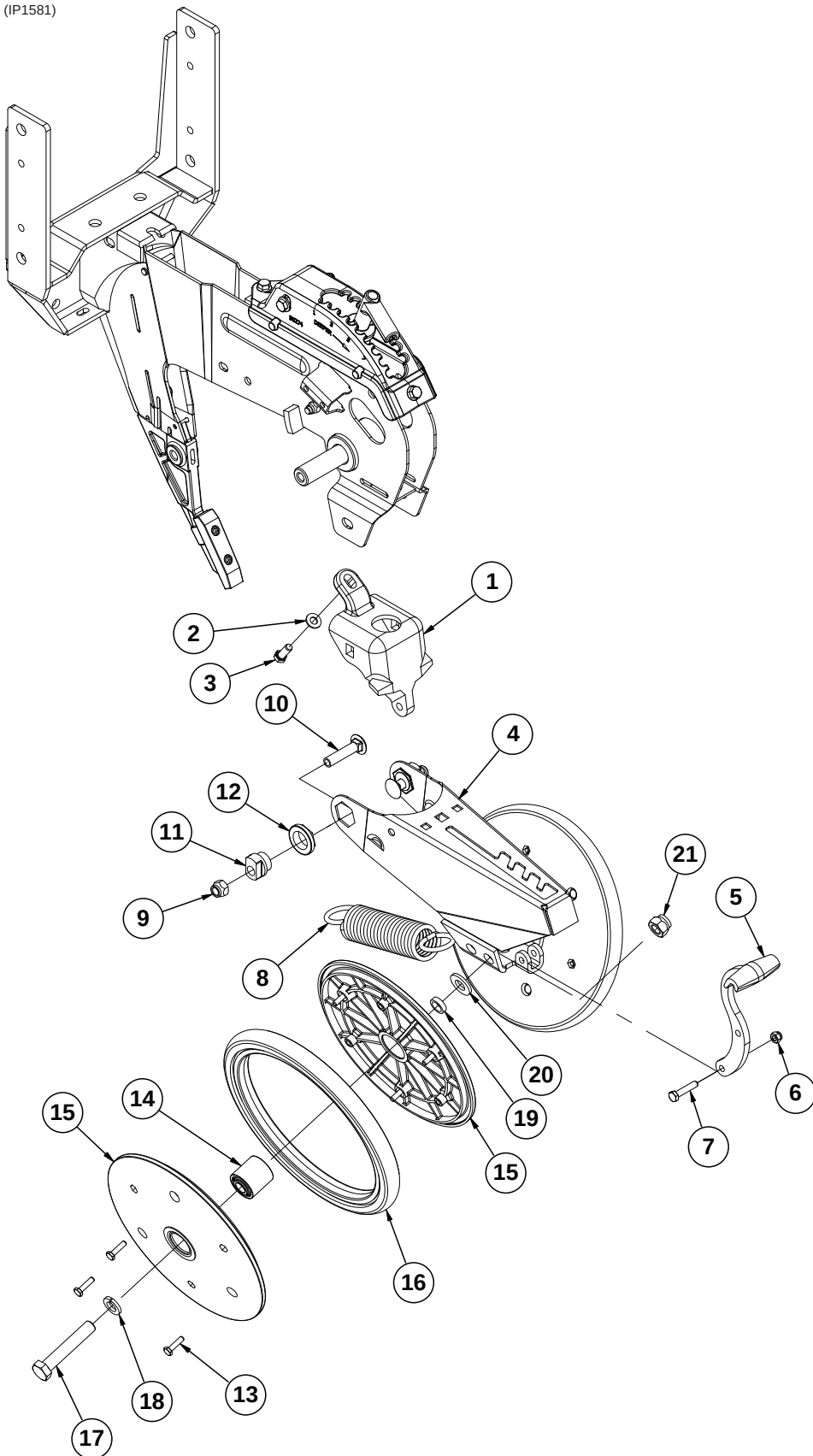
(IP1580)



Spoked Gauge Wheel

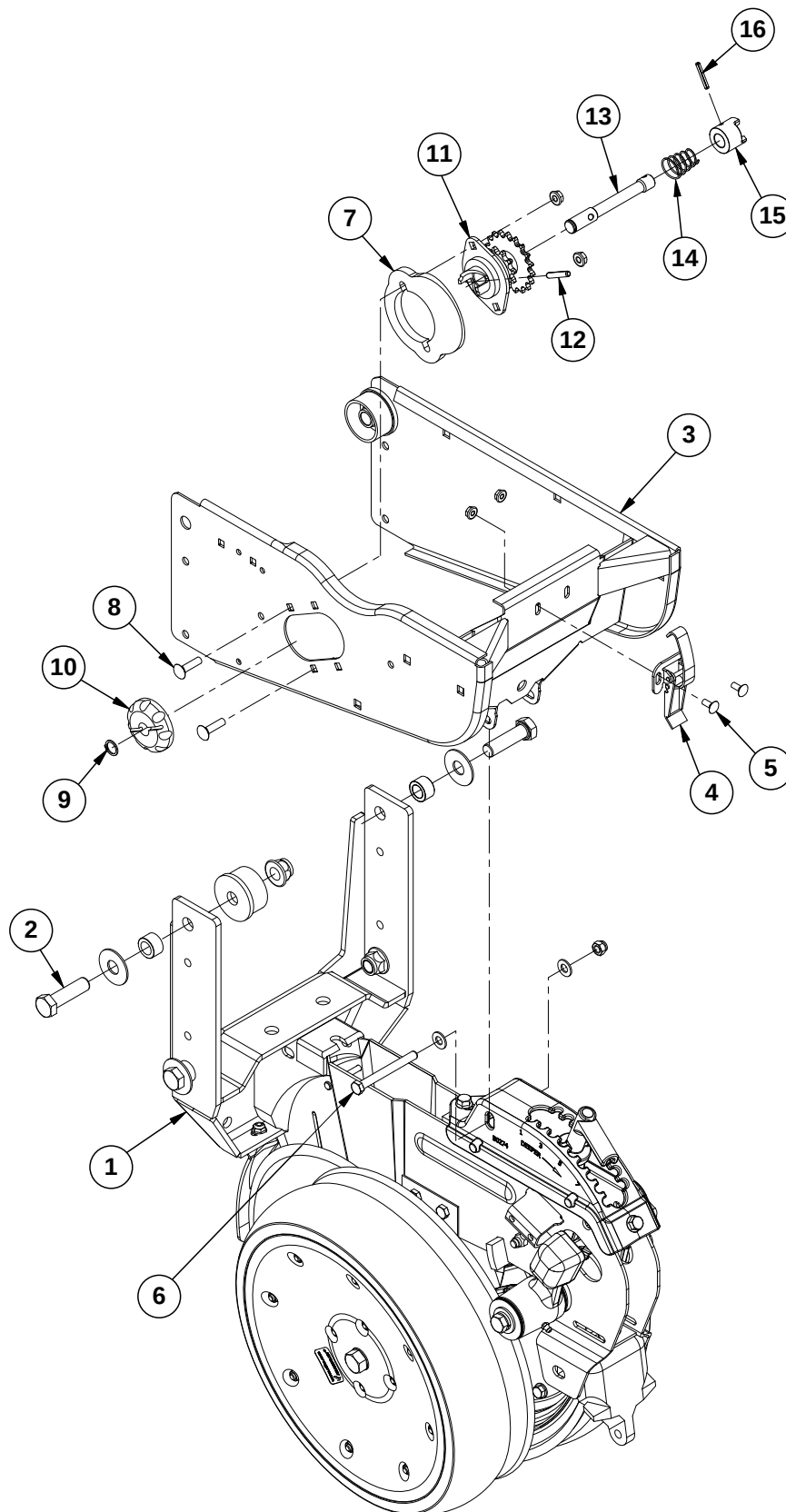
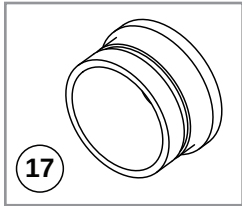
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "15" Seed Opener Disc Blade/Bearing Assembly and Scrapers" on page P8
2	G10940	7	Machine Bushing, 1" (.048" Thick)
3	G10228	2	Lock Washer, 1/2"
4	G10014	2	Hex Head Cap Screw, 1/2"-13 x 1"
5	G10216	2	Washer, 1/2" USS
6	GA21677	1	Wheel Arm W/Grease Fitting, Bushings, and Seals, L.H. (Shown)
	GA21676	-	Wheel Arm W/Grease Fitting, Bushings, and Seals, R.H.
	GD10991	2	Seal (Per Arm) (Included W/GA21677 and GA21676)
	GB0276	2	Bushing, 1" I.D. x 1 1/4" O.D. x 1" Long (Per Arm) (Included W/GA21677 and GA21676)
7	G10204	1	Special Machine Bushing, 5/8" x 1" O.D.
8	G10031	8	Carriage Bolt, 5/16"-18 x 1 3/4"
	G11386	8	Flat Washer, 5/16" SAE
9	G10028701	1	Half Gauge Wheel
	G10019	4	Hex Head Cap Screw, 5/16"-18 x 1"
	G11386	4	Flat Washer, 5/16" SAE
10	GD36713	2	Gauge Wheel Dust Shield
11	GA6171	1	Bearing
12	GD36709	1	Half Gauge Wheel
13	G10109	12	Lock Nut, 5/16"-18
	G11386	12	Flat Washer, 5/16" SAE
14	G10230	1	Lock Washer, 5/8"
15	G10010	1	Hex Head Cap Screw, 5/8"-11 x 3"
16	G10028601	1	Tire, 4 1/2" x 16
17	G10335001	6	Flanged Lock Nut, M8
18	G10334701	1	Hub
19	G10334901	1	Wheel Flange
20	G10335101	6	Screw, M8 x 30
21	G11386	6	Flat Washer, 5/16"
22	G10335201	1	Elastic Ring
23	G10334801	1	Wheel Flange
A	G10028801	-	Standard Gauge Wheel Complete (Items 8-13 and 16)
B	G10322501	-	Spoked Gauge Wheel Complete (Items 10-11 and 16-23)
C	G1K296	-	Gauge Wheel Arm Bushing and Seal Driver Kit, Includes: (1) Seal Driver, (1) Bushing Driver, (1) Instruction Sheet

(IP1581)



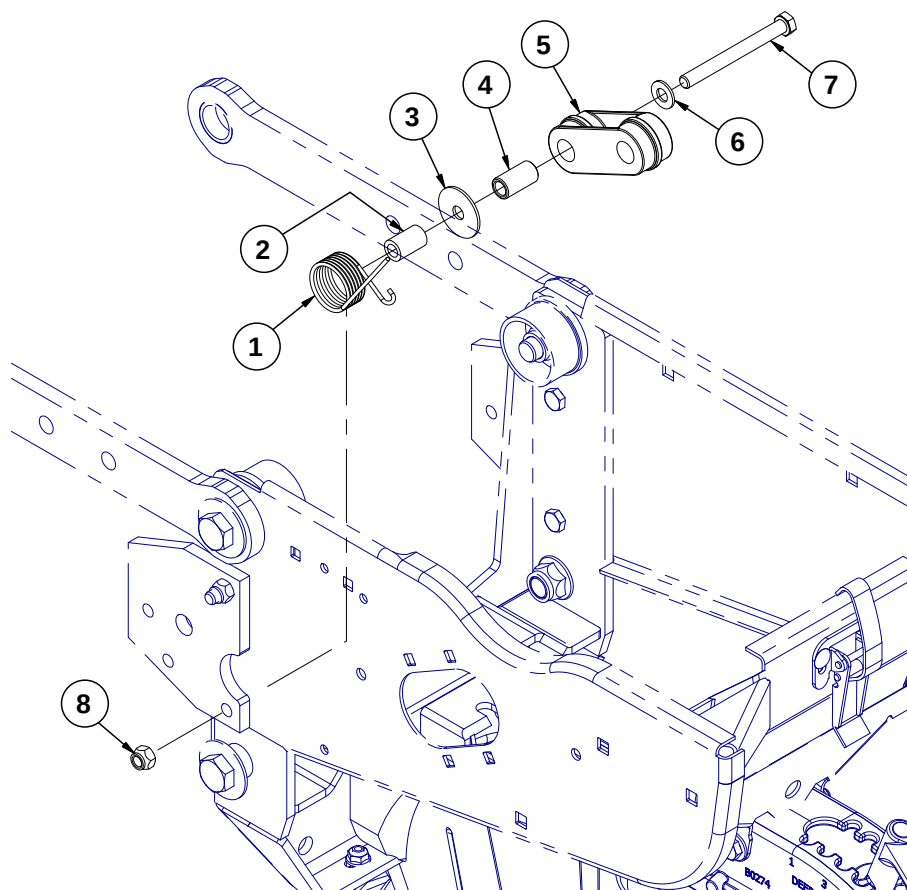
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GB0268	1	Wheel Arm Mount
2	G11387	1	Flat Washer, 3/8" SAE
3	G10001	1	Hex Head Cap Screw, 3/8"-16 x 1"
4	GA15197	1	Closing Wheel Arm
5	GB0254	1	Lever
6	G10109	1	Lock Nut, 5/16"-18, Grade 8
7	G10133	1	Hex Head Cap Screw, 5/16"-18 x 1 1/2"
8	GD8460	1	Spring
9	G10111	2	Lock Nut, 1/2"-13
10	G11419	2	Carriage Bolt, 1/2"-13 x 2 1/4"
11	GB0239	2	Eccentric Bushing
12	GB0282	2	Stepped Bushing
13	G10064	6	Hex Head Cap Screw, 1/4"-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, 5/8"-11 x 3 1/2"
18	G10230	2	Lock Washer, 5/8"
19	GD1109	2	Bushing, 4 1/64" I.D. x 7/8" O.D. x 1/4" Long
20	G11391	2	Flat Washer, 5/8" SAE
21	G10107	2	Lock Nut, 5/8"-11
22	GA6171	1	Bearing
23	G11862	1	Internal Retaining Ring
24	GD36895	1	Spiked Closing Wheel
25	GA6597	1	Cast Iron Closing Wheel W/Bearing
	GA6171	1	Bearing
26	G1K345	-	Closing Wheel Shield Kit W/Hardware and Instruction Sheet
	GD26146	1	Closing Wheel Shield (Included W/G1K345)
	G10599	1	Carriage Bolt, 3/8"-16 x 1 1/4" (Included W/G1K345)
	G10308	2	Carriage Bolt, 3/8"-16 x 3/4" (Included W/G1K345)
	G10101	3	Hex Nut, 3/8"-16 (Included W/G1K345)
	G10229	3	Lock Washer, 3/8" (Included W/G1K345)
	G11387	1	Hardened Washer, 3/8" SAE (Included W/G1K345)
A	GA6434	-	Rubber Closing Wheel Complete W/Bearing (Items 13-16)
B	GA26958	-	Spiked Closing Wheel (Items 22-24)

(IP1582)



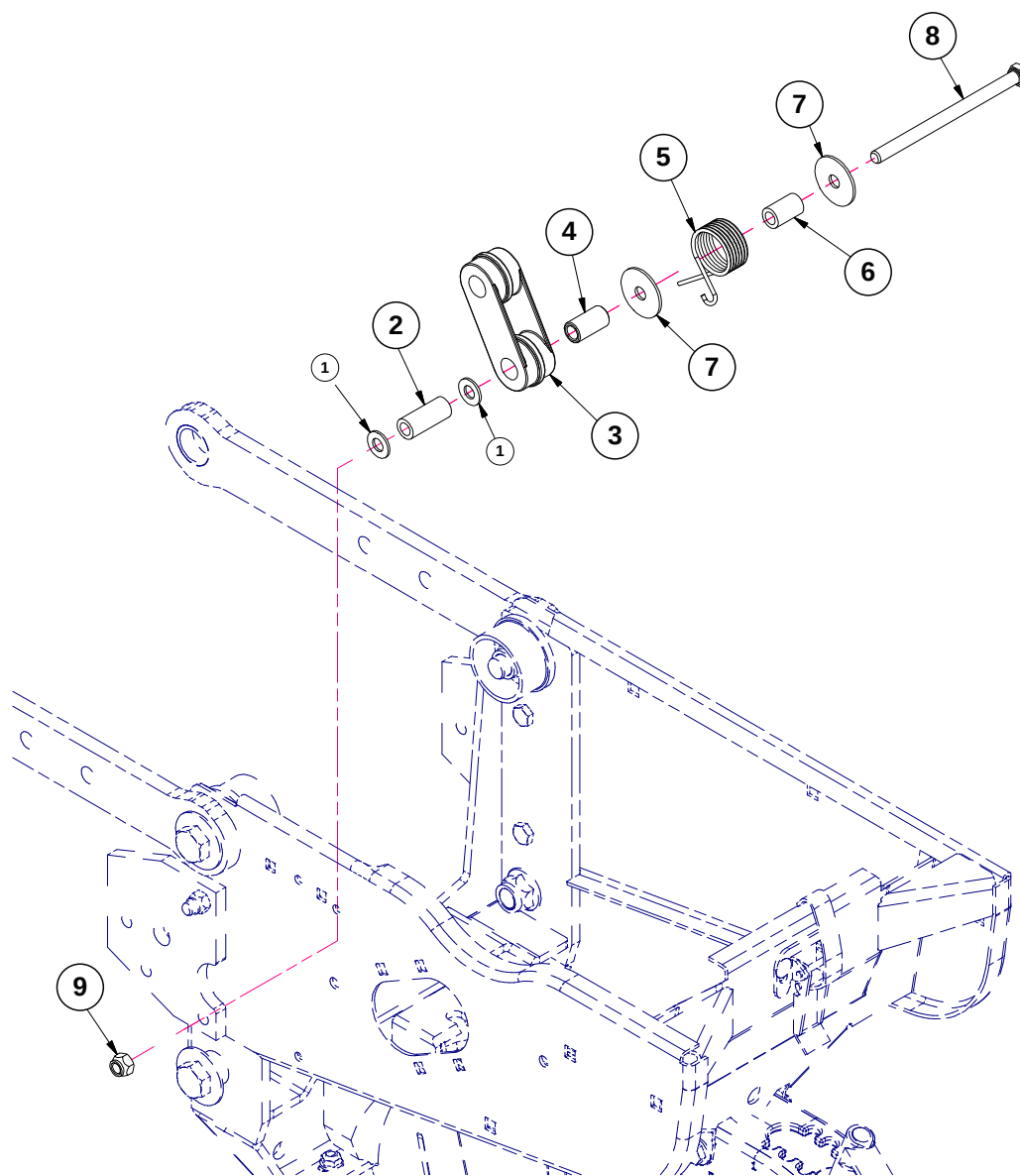
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	1	See "15" Seed Opener Disc Blade/Bearing Assembly and Scrapers" on page P8
2	G10752	2	Hex Head Cap Screw, 5/8"-18 x 2 1/4"
3	G10329801	1	Hopper Support
4	GA2007	1	Hopper Hold Down Latch
5	G10309	2	Carriage Bolt, 1/4"-20 x 5/8", Grade 2
	G10621	2	Serrated Flange Nut, 1/4"-20
6	G10061	1	Hex Head Cap Screw, 3/8"-16 x 3 1/2"
	G11387	2	Flat Washer, 3/8" SAE
	G10108	1	Lock Nut, 3/8"-16
7	GB0331	1	Clutch Adapter Plate
8	G10338	2	Carriage Bolt, 5/16"-18 x 1 1/4"
	G10620	2	Serrated Flange Nut, 5/16"-18
9	G10567	1	External Retaining Ring, 5/8"
10	GD11239	1	Knob
11	GA12143	1	Double Sprocket and Bearing, Drive Clutch, 11/28 Tooth (Vacuum)
12	G10602	1	Spring Pin, 1/4" x 1 1/2"
13	GD29507	1	Clutch Shaft
14	GD11413	1	Spring
15	GB0278	1	Coupler
16	G10546	1	Spring Pin, 3/16" x 1 1/4"
17	GD17052	-	Vacuum Plug
A	GA20640	-	Seed Meter Clutch Assembly, 11/28 Tooth (Items 9-16) (Vacuum)

(IP1583)

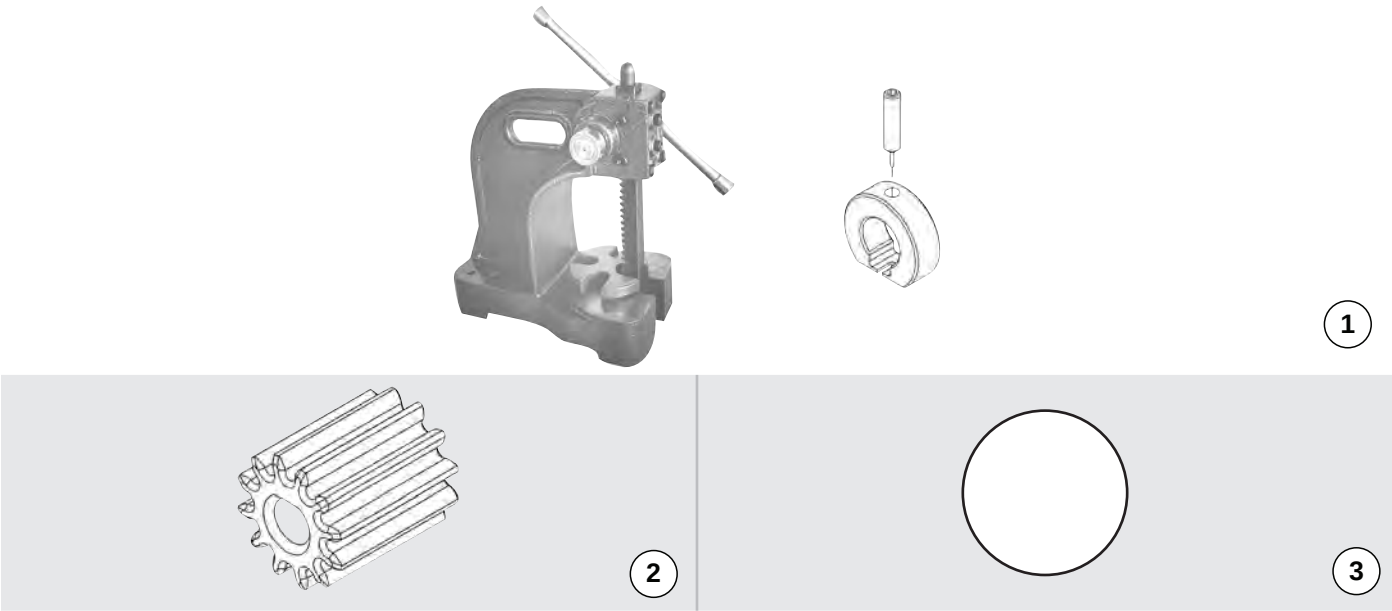


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GD1065	1	Idler Spring
2	GD7318	1	Sleeve, 1" Long
3	G10201	1	Special Washer, $\frac{3}{8}$ " x 1 $\frac{1}{2}$ " O.D.
4	GD1026	1	Sleeve, 1 $\frac{3}{16}$ " Long
5	GD11962	1	Idler
6	G11387	1	Flat Washer, $\frac{3}{8}$ " SAE
7	G10326	1	Hex Head Cap Screw, $\frac{3}{8}$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

(IP1584)

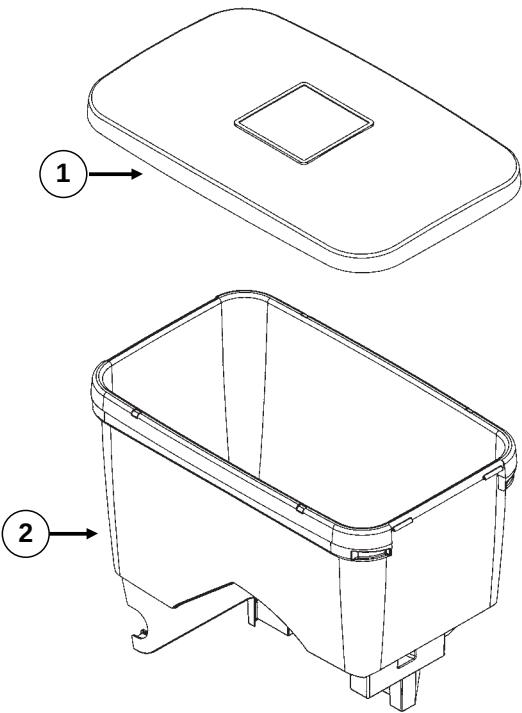


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G11387	2	Flat Washer, $\frac{3}{8}$ " SAE
2	GD23773	1	Chain Idler Spacer
3	GD11962	1	Idler
4	GD1026	1	Sleeve, $1\frac{3}{16}$ " Long
5	GD1065	1	Idler Spring
6	GD7318	1	Sleeve, 1" Long
7	G10201	2	Special Washer, $\frac{3}{8}$ " x $1\frac{1}{2}$ " O.D.
8	G10687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



ITEM	PART NO.	QTY.	DESCRIPTION
1	G1K728	-	Seed Meter Stepper Motor Pinion Press Kit, Includes: (1) 1/2 Ton Arbor Press W/ Anvil, (1) Ring Puller W/Set Screw, (1) Instruction Sheet
2	GB1190	-	Pinion Motor Gear
3	G7100-614	-	Shaft Seal

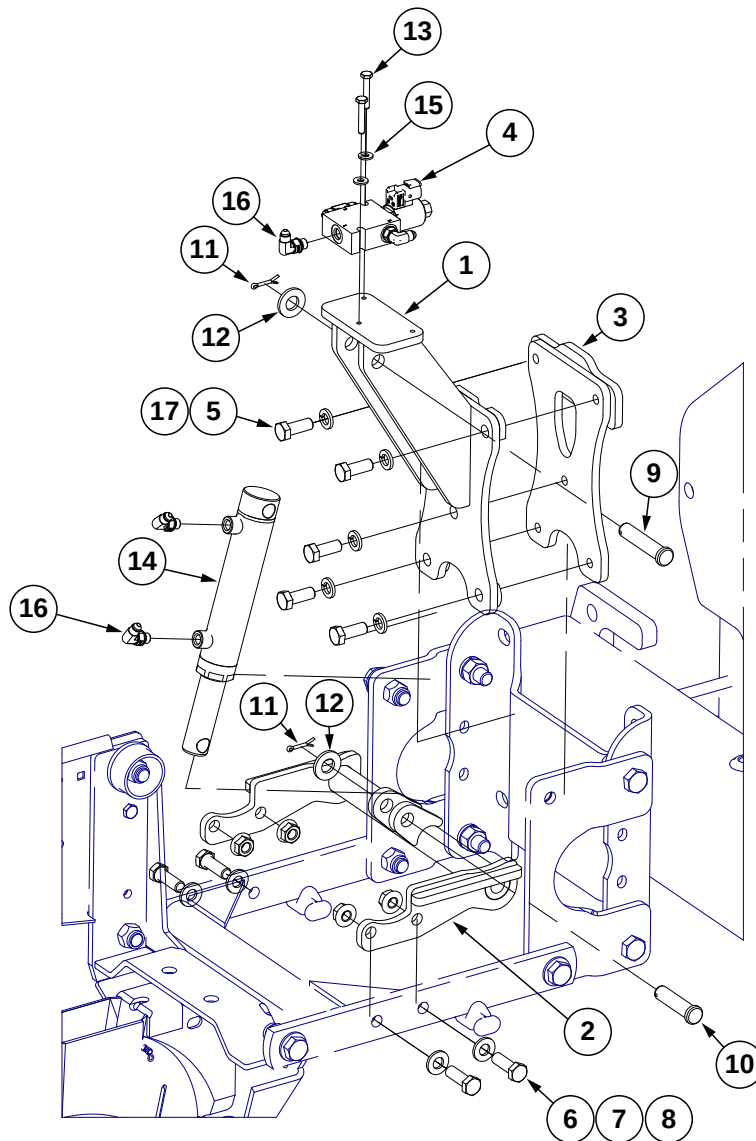
(METR12)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD11279	1	Lid
2	GA24873	1	Seed Hopper (Vacuum)

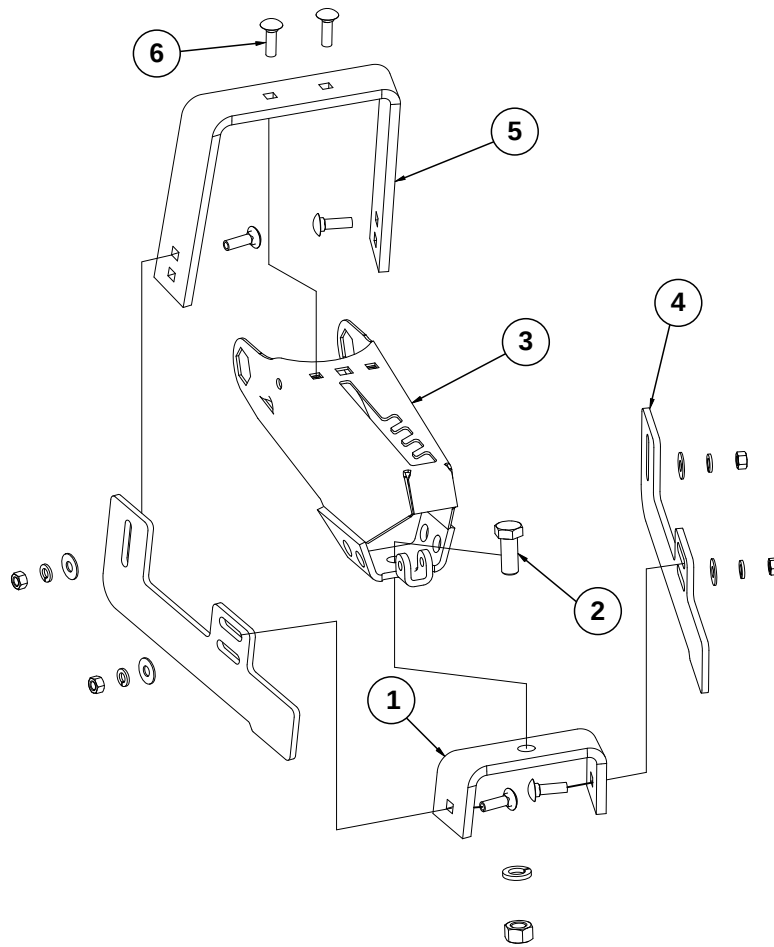
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P6
2	G11958	2	Hex Head Cap Screw, 1/4"-20 x 2-1/2", Grade 5
	G10621	2	Serrated Flange Nut, 1/4"-20
	G10209	2	Washer, 1/4" USS
3	G10108	1	Lock Nut, 3/8"-16
	G10003	1	Hex Head Cap Screw, 3/8"-16 x 1 1/2"
4	G10116601	1	Hex Socket Head Cap Screw, 1/2"-13 x 1-3/4"
	G10071	1	Serrated Flange Nut, 1/2"-13
5	GD36388	1	1" Double Tube Clamp, 1/2" Bolt
6	GA25029	1	Row Unit Power Extension Harness
7	G10622	2	Serrated Flange Nut, 3/8"-16
	G10308	2	Carriage Bolt, 3/8"-16 x 3/4"
8	GD35058	1	Row Unit Meter Wire Tray
9	GA20914	1	Seed Tube Sensor
10	GB0926	1	Shank Cover
11	G11009	2	Locking Thumbscrew, 5/16"-18 x 3/4"
12	GD29413	1	Hopper Shim (Not used with conventional hoppers)
13	---	-	See "Vacuum Seed Meter" on page P28
14	GD35629	1	IPN Row Unit Plate
15	GA25949	1	IPN Module Assembly
16	GD35609	2	Hex Standoff
17	G10146001	1	IPN Wire Shield
18	GA25038	1	Row Unit Seed Meter Harness
19	GA15485	1	Switch
20	GD30726	2	Socket Dust Cover, M12

(A25516_a)



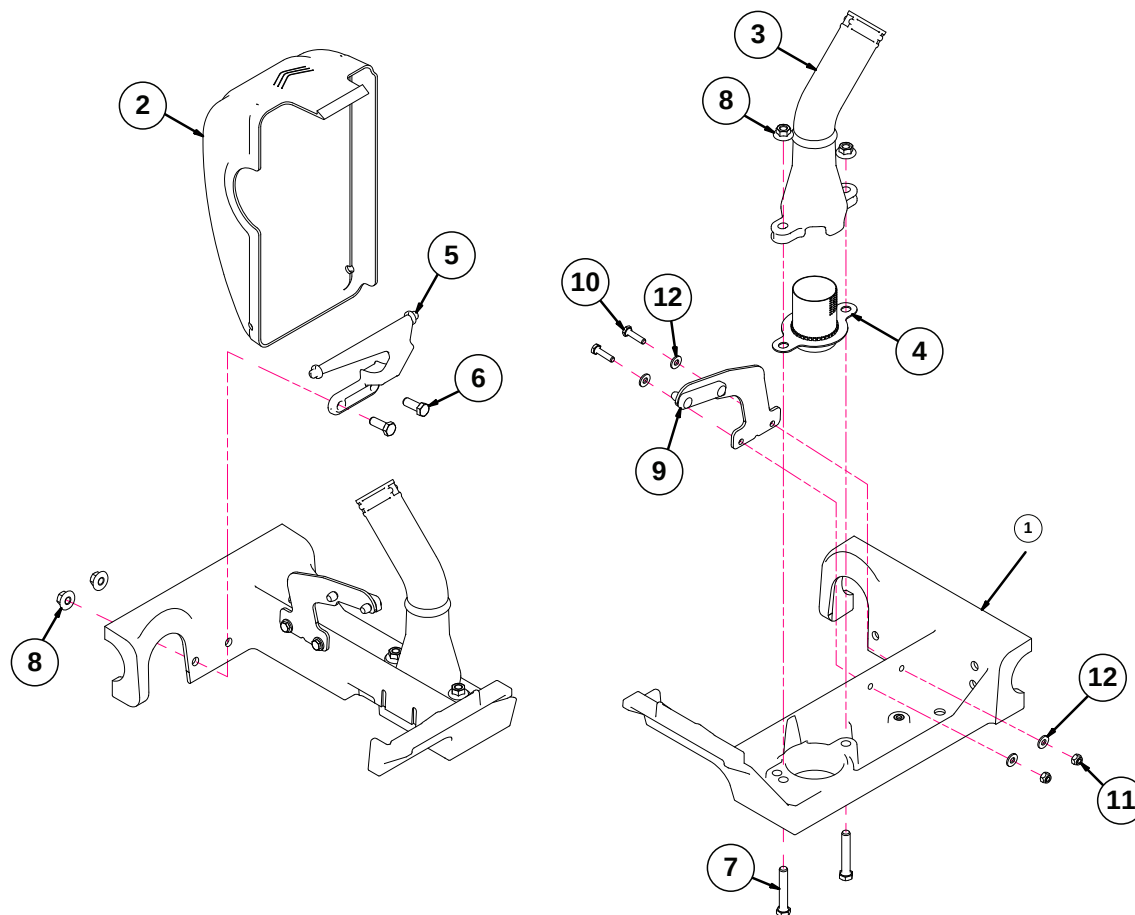
ITEM	PART NO.	QTY. (per row)	DESCRIPTION
1	GA25258	1	Upper Mounting Bracket
2	GA25257	1	Lower Mounting Bracket
3	GA25401	1	Back Mount
4	---	1	See "Row Unit Control Blocks" on page P207
5	G10017	5	Hex Head Cap Screw, ½"-13 x 1½"
6	G10017	4	Hex Head Cap Screw, ½"-13 x 1½"
7	G11389	4	Flat Washer, ½" Plated 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	GA25261	1	See "Hydraulic Down Force Cylinder" on page P181
15	G11385	2	Flat Washer, ¼" SAE
16	G6801-04-04	3	90° Elbow, ⅞"-20
17	G10228	5	Lock Washer, ½"

(IP1202)



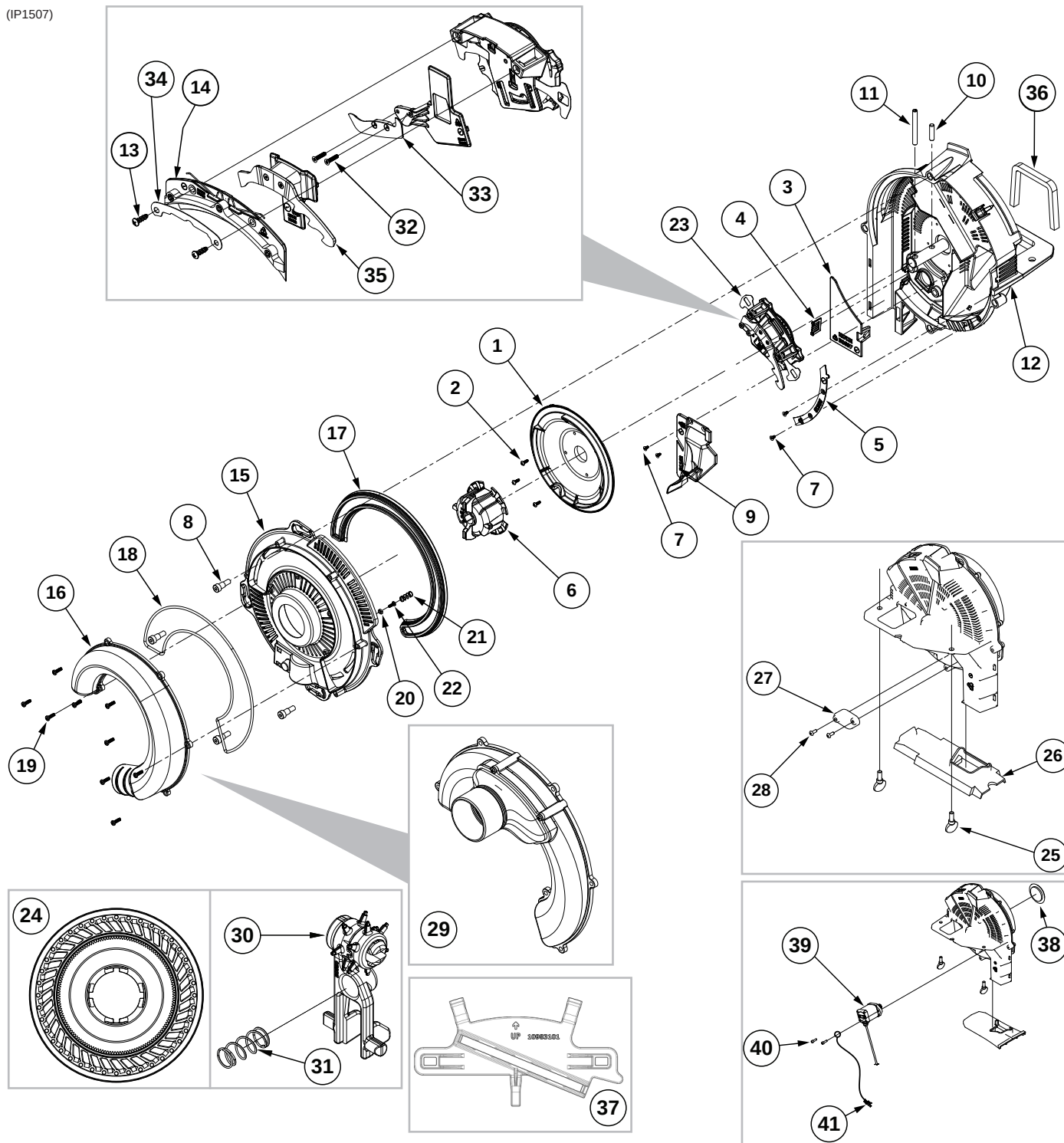
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GD11509	1	Rear Bracket
2	G10007	1	Hex Head Cap Screw, $\frac{5}{8}$ "-11 x 1 $\frac{1}{2}$ "
	G10230	1	Lock Washer, $\frac{5}{8}$ "
	G10104	1	Hex Nut, $\frac{5}{8}$ "-11
3	GA15197	1	Arm
4	GD11313	2	Blade
5	GD11508	1	Front Bracket
6	G10599	6	Carriage Bolt, $\frac{3}{8}$ "-16 x 1 $\frac{1}{4}$ "
	G10229	6	Lock Washer, $\frac{3}{8}$ "
	G11387	6	Flat Washer, $\frac{3}{8}$ " SAE
	G10101	6	Hex Nut, $\frac{3}{8}$ "-16
A	G7566X	-	Drag Closing Attachment Complete (Items 1-6)

(A25305)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA25304	1	Meter Mount Assembly W/Inserts
2	GB0428	1	EV Meter Cover
3	GB0455	1	Bulk Fill Air Dissipator
4	GB0901	1	Air Dissipator Screen
5	GB0717	1	EV Meter Cover Hinge
6	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
7	G10939	2	Hex Head Cap Screw, 3/8"-16 x 2 1/4"
8	G11091	4	Serrated Flange Nut, 3/8"-16
9	GA21309	1	Meter Support
10	G10064	2	Hex Head Cap Screw, 1/4"-20 x 1"
11	G10110	2	Lock Nut, 1/4"-20, Grade B
12	G11385	4	Flat Washer, 1/4" SAE

(IP1507)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GB0815	1	Shield
2	G11619	3	Phillips Pan Head Tapping Screw, No. 6-19 x $\frac{3}{8}$ "
3	GB0697	1	Chute Cover
4	GB0780	1	Brush
5	GB0823	1	Baffle
6	GB1147	1	Disc Hub
7	G11618	4	Torx Flat Head Tapping Screw, No. 6-19 x $\frac{1}{4}$ "
8	G11172	4	Hex Socket Head Shoulder Screw, $\frac{1}{4}$ "-20 x $\frac{3}{8}$ ", Stainless Steel

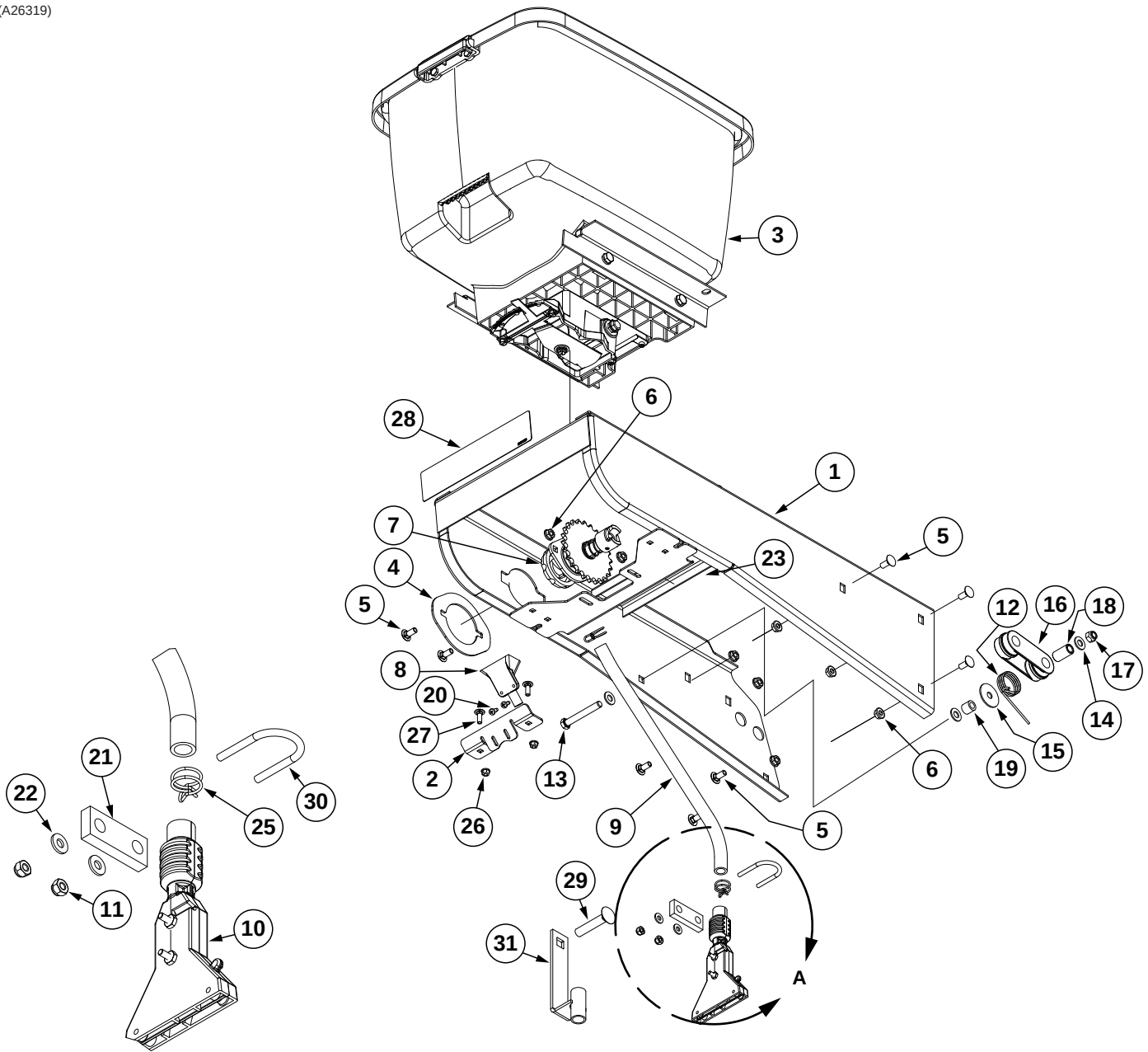
Vacuum Seed Meter

M0312-02

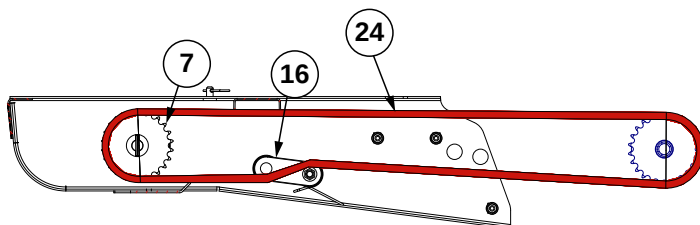
Model 3605

9	GA24878	1	Brush 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	-	Seed Disc, Corn, 40 Cell, Light Blue Color-Coded, Ejector Wheel, and Spring
	G11046X	-	Seed Disc, Rapeseed, 83 Cell, Ejector Wheel, and Spring
	G11042X	-	Seed Disc, Wheat, 54 Cell, Ejector Wheel, and Spring
	G11332X	-	Seed Disc, Wheat, 231 Cell, Red Color-Coded, Ejector Wheel, and Spring
	G11047X	-	Seed Disc, Soybean, 120 Cell, Black Color-Coded, Ejector Wheel, and Spring
	G11048X	-	Seed Disc, Soybean, 60 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 and Navy Edible Bean and Popcorn, 60 Cell, Brown Color-Coded, Ejector Wheel, and Spring
	G11107X	-	Seed Disc, Pinto and Great Northern Edible Beans and Low-Rate Soybean, 60 Cell, Dark Blue Color Coded, Ejector Wheel, and Spring
25	G11009	2	Locking Thumbscrew, ⅝"-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)
	G10483201	-	Ejector Arm, Soybean (60 Cell)
	G10665001	-	Ejector Arm, Sunflower
	G10664901	-	Ejector Arm, Beets/Milo
	G10614301	-	Ejector Arm, Black Turtle, Navy, Pinto, and Great Northern Edible Bean, Popcorn, and Low-Rate Soybean, Cotton
	GA25550	-	Ejector Arm, Rapeseed
	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
	G10983101	1	Wheat Brush Mount (Included W/G10983301)
	G10983201	1	Brush (Included W/G10983301)
38	GD29425	1	Dust Cap
39	G10299601	1	Meter Stepper Motor
40	G11588	2	Hex Socket Head Cap Screw, No. 10-24 x ⅝" Grade 8
41	GA20711	1	Seed Meter Motor ESD Drain Harness
	GA20712	1	Row Unit Seed Meter Harness (Both are used connected to each other)
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)



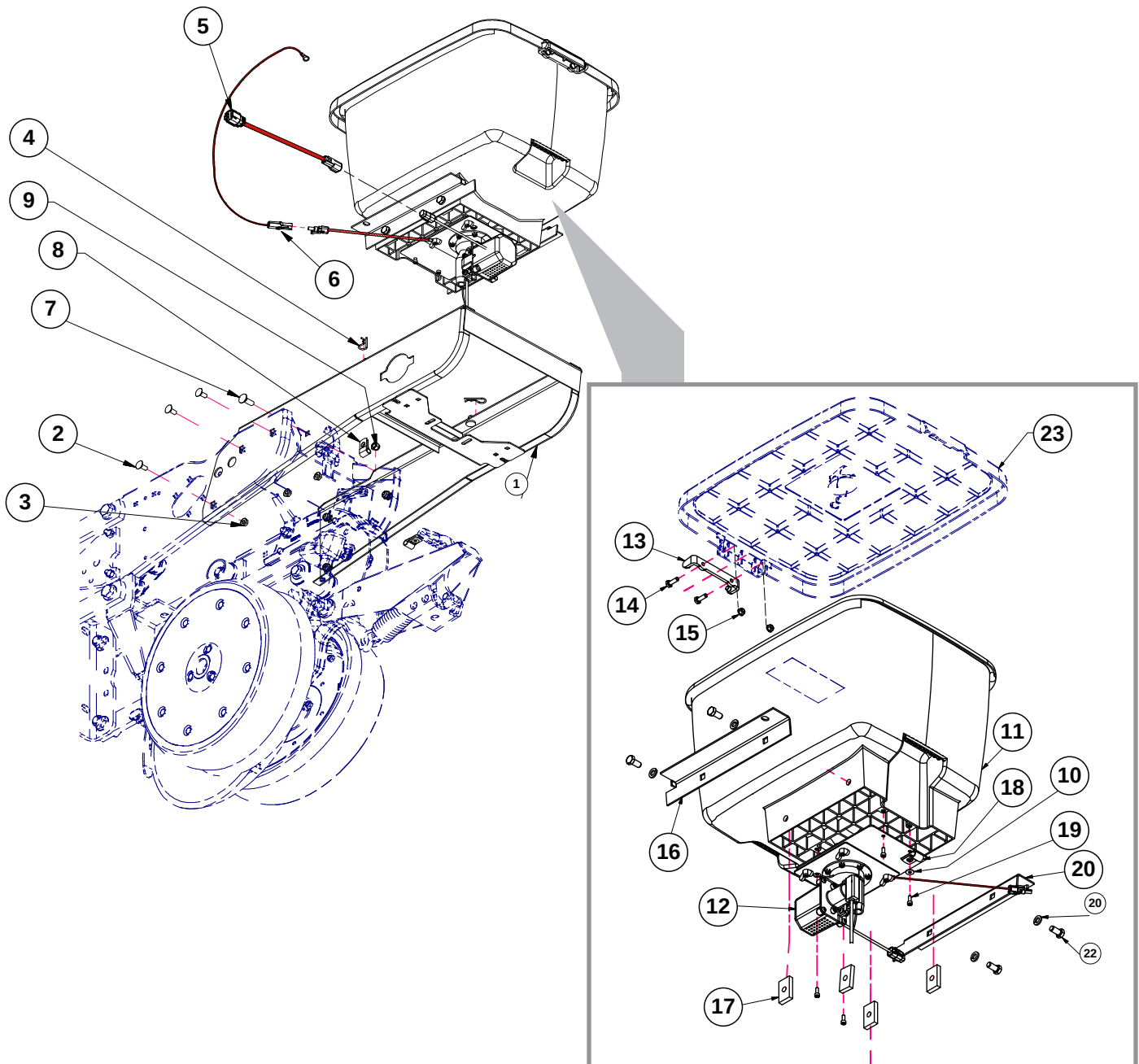
Detail A



Chain Routing

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	A26287	1	Hopper Panel Extension (Non-Stock Item)
2	GD36277	1	Funnel Bracket
3	---	-	See "Granular Chemical Hopper and Hopper Panel Extension" on page P37
4	GD11305	1	Plate
5	G10312	8	Carriage Bolt, $\frac{5}{16}$ "-18 x $\frac{3}{4}$ "
6	G10620	8	Serrated Flange Nut, $\frac{5}{16}$ "-18
7	---	1	See "Granular Chemical Meter and Meter Drive" on page P36
8	GD2423	1	Funnel
9	GD2947	1	Hose, $\frac{7}{16}$ " x 28"
10	GA6907	1	Slope-Compensating Bander W/Hardware (4 $\frac{1}{2}$ " Band Width)
	G10864	1	Uni-Clamp (Included W/GA6907)
	G10757	2	Pan Head Screw, No. 10-32 x 1 $\frac{1}{4}$ " (Included W/GA6907)
	G10758	2	Hex Nut, No. 10-32 (Included W/GA6907)
11	G10110	2	Lock Nut, $\frac{1}{4}$ "-20, Grade B
12	GD11219	1	Spring
13	G10325	1	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 2 $\frac{3}{4}$ "
14	G11387	3	Flat Washer, $\frac{3}{8}$ " SAE
15	G10201	1	Special Washer, $\frac{3}{8}$ " x 1 $\frac{1}{2}$ " O.D.
16	GD11962	1	Idler
17	G10108	1	Lock Nut, $\frac{3}{8}$ "-16
18	GD1026	1	Sleeve, 1 $\frac{3}{16}$ " Long
19	GD2971-10	1	Sleeve, $\frac{9}{16}$ " Long
20	G10966	2	Phillips Head Self-Tapping Screw, No. 10 x $\frac{1}{2}$ "
21	GD10984	1	Spacer
22	G11385	2	Flat Washer, $\frac{1}{4}$ " SAE
23	G10670	2	Hair Pin Clip, No. 3
24	G3303-108	1	Chain, No. 41, 108 Pitch Including Connector Link (Vacuum)
	GR0196	-	Connector Link, No. 41
25	G11209	2	Wire Hose Clamp, $\frac{3}{4}$ "
26	G10621	2	Serrated Flange Nut, $\frac{1}{4}$ "-20
27	G10310	2	Carriage Bolt, $\frac{1}{4}$ "-20 x $\frac{3}{4}$ ", Grade 2
28	---	-	See "Decals, Paint, and Miscellaneous" on page P344
29	G10315	1	Carriage Bolt, $\frac{1}{2}$ "-13 x 2 $\frac{1}{2}$ " (Replaces Existing $\frac{1}{2}$ " x 2 $\frac{1}{4}$ " Hardware)
30	GD10963	1	U-Bolt, 1 $\frac{1}{2}$ " x 1 $\frac{5}{16}$ " x $\frac{1}{4}$ "-20
31	GA6741	1	Bracket (Straight Drop In-Furrow)

(A26335/A27180)



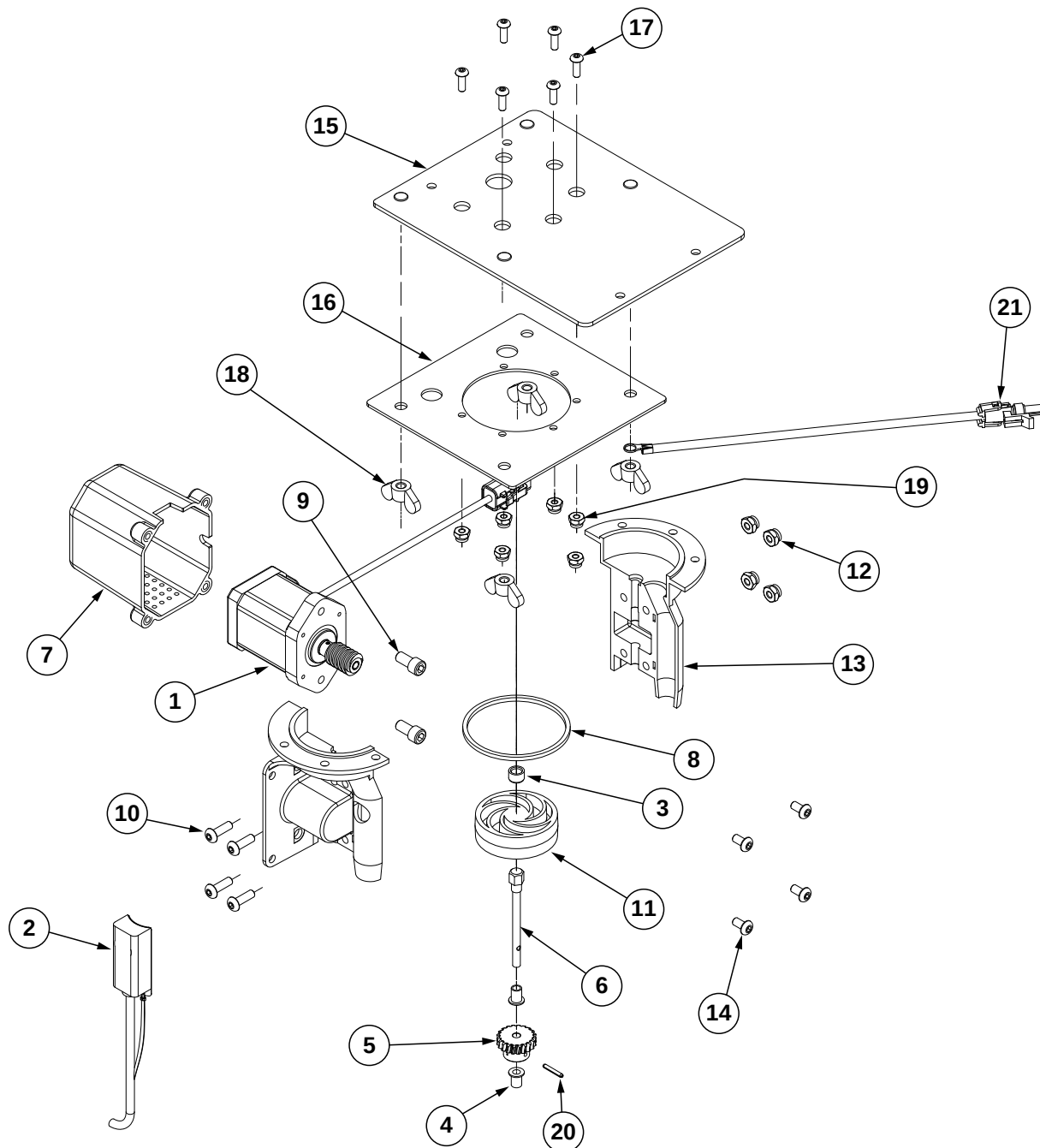
Granular Chemical Hopper and Hopper Panel Extension (Blue Drive)

M0312-02

Model 3605

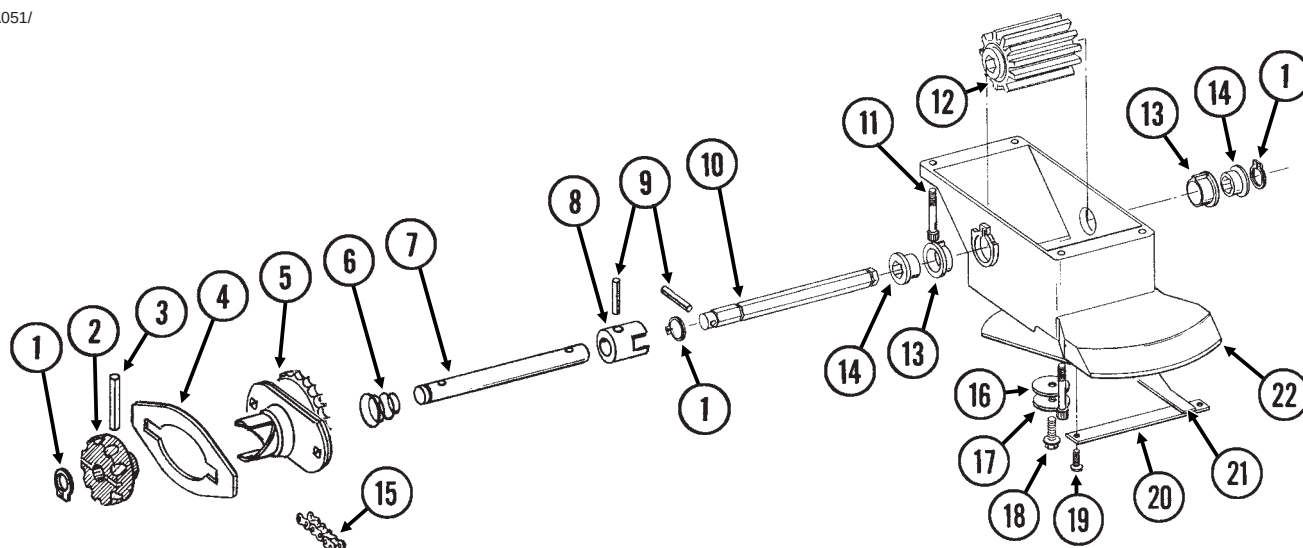
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA26287	1	Chemical Hopper Support
2	G10312	6	Carriage Bolt, 5/16"-18 x 3/4"
3	G10620	6	Serrated Flange Nut, 5/16"-18
4	G10670	2	Hair Pin Clip, No. 3
5	GA22522	1	Insecticide Harness
6	GA20712	1	Row Unit ESD Drain Harness
7	G10305	1	Hex Head Cap Screw, 3/8"-16 x 1"
8	GD6291	1	Insulated Clamp, 3/8"
9	G10108	1	Lock Nut, 3/8"-16
10	G10243	1	Washer, No. 10 SAE
11	GA8371	1	Chemical Hopper Assembly
12	GA26331	1	Insecticide Meter Assembly
13	GD1060	1	Hinge Bracket
14	G10023	2	Hex Head Cap Screw, 1/4"-20 x 3/4"
15	G10621	2	Serrated Flange Nut, 1/4"-20
16	GD1059R	1	Support
17	GD11424	4	Block
18	GD6291	1	Insulated Clamp, 3/8"
19	G11998	4	Hex Head Cap Screw, 10-24 x 1/2", Self-Locking, Yellow Loctite
20	GD1059L	1	Support
21	G10229	4	Lock Washer, 3/8"
22	G10002	4	Hex Head Cap Screw, 3/8"-16 x 3/4"
23	GA4444	-	Insecticide Lid, English

(A26331)



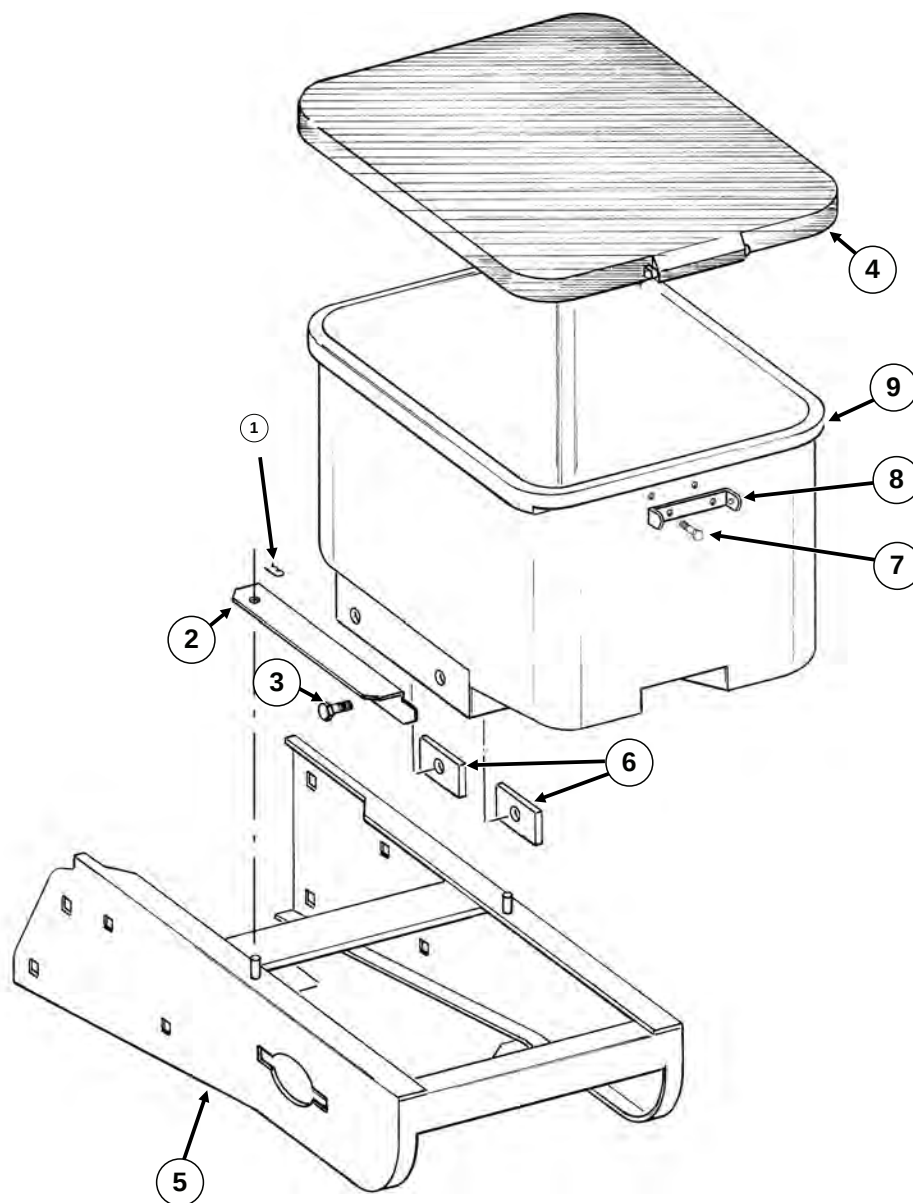
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA15473	1	Step Motor, 3.5 AMP
2	GA24364	1	Flow Sensor
3	GD22695	1	Bearing Sleeve, 3/8" O.D. x 1/4" I.D. x 1/4"
4	GD22696	2	Flange Bearing, 1/4" O.D. x 3/16" I.D. x 3/8"
5	GD29492	1	Gear
6	GD29491	1	Drive Shaft
7	GB0577	1	Motor Cover
8	GD28515	1	O-Ring
9	G10260	2	Hex Socket Head Cap Screw, 1/4"-20 x 1/2"
10	G11447	4	Hex Button Head Cap Screw, #10-24 x 5/8"
11	GB0579	1	Insecticide Impeller
12	G11445	4	Hex Locknut, #10-24
13	GA18195	1	Insecticide Housing
14	G10261	4	Hex Button Head Cap Screw, #10-32 x 3/8"
15	GA26330	1	Insecticide Mount
16	GD36333	1	Insecticide Motor Mount Plate
17	GR1292	6	Hex Socket Button Head Cap Screw, No. 8-32 x 1/2"
18	G10531	4	Wing Nut W/Nylon Insert, 1/4"-20
19	G11202	6	Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel
20	G11687	1	Spring Slot Pin
21	GA20710	2	Granular Chemical Motor ESD Drain Harness

RUA051/



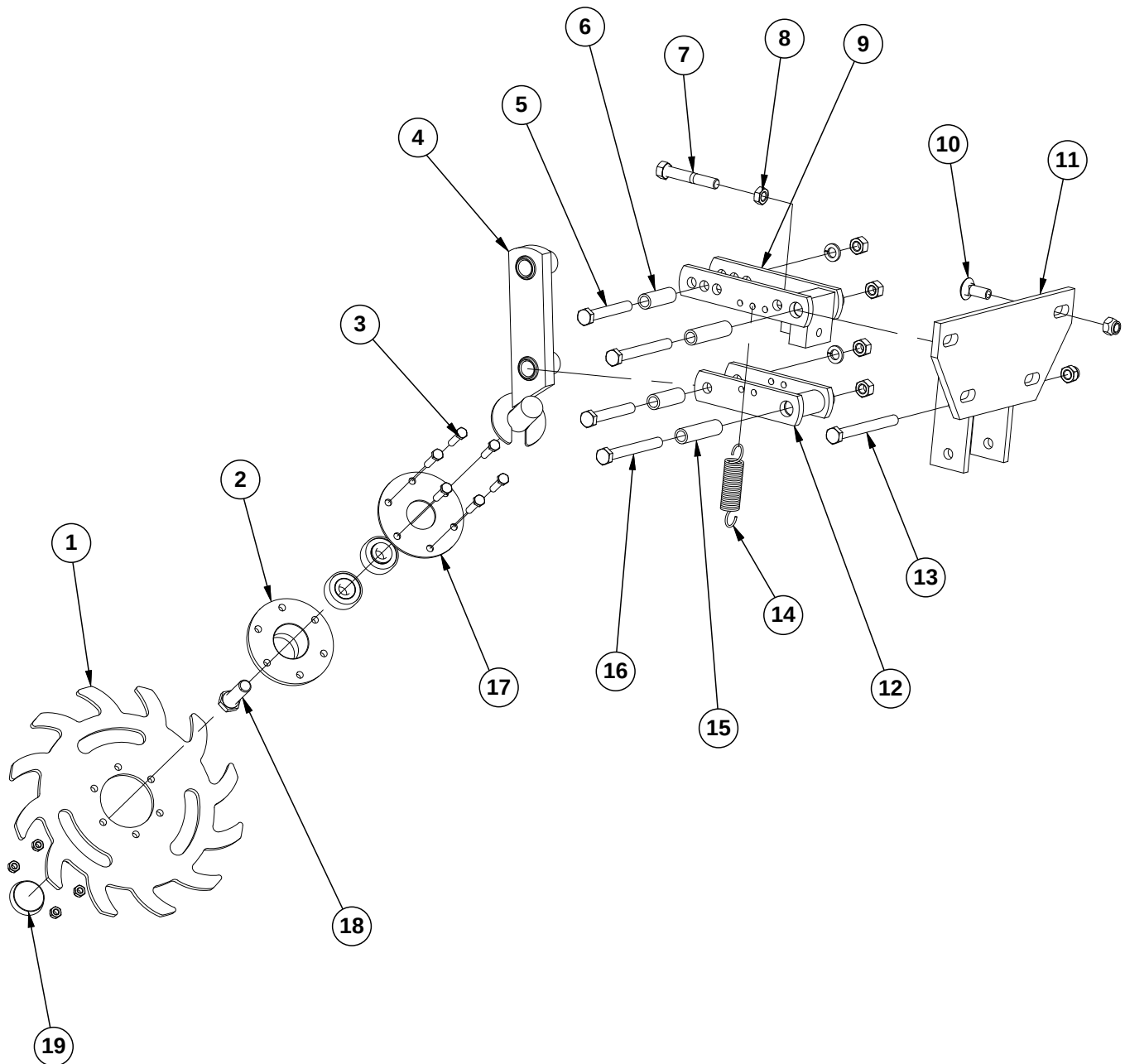
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10567	3	External Retaining Ring, 5/8"
2	GD11239	1	Knob
3	G10602	1	Spring Pin, 1/4" x 1 1/2"
4	---	-	See "Granular Chemical Hopper and Hopper Panel Extension" on page P37
5	GA8364	1	Sprocket And Bearing, Drive Clutch, 24 Tooth
6	GD11413	1	Spring
7	GD11240	1	Shaft
8	GB0278	1	Coupler
9	G10546	2	Spring Pin, 3/16" x 1 1/4"
10	GD11297	1	Shaft
11	G11793	4	Hex Socket Head Cap Screw, No. 10-24 x 7/8"
12	GD7148	1	Feed Roller, Hex Bore
13	GB0115	2	Bearing
14	GD7258	2	Hex Bushing
15	G3303-108	1	Chain, No. 41, 108 Pitch Including Connector Link (Vacuum)
	GR0196	-	Connector Link, No. 41
16	G10660	1	Wave Washer, 1/2"
17	G11385	1	Flat Washer, 1/4" SAE
18	G10570	1	Slotted Hex Self-Tapping Screw, 1/4"-20 x 3/4"
19	G11073	2	Slotted Hex Self-Tapping Screw, No. 10 x 3/8"
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)

(METR14d)



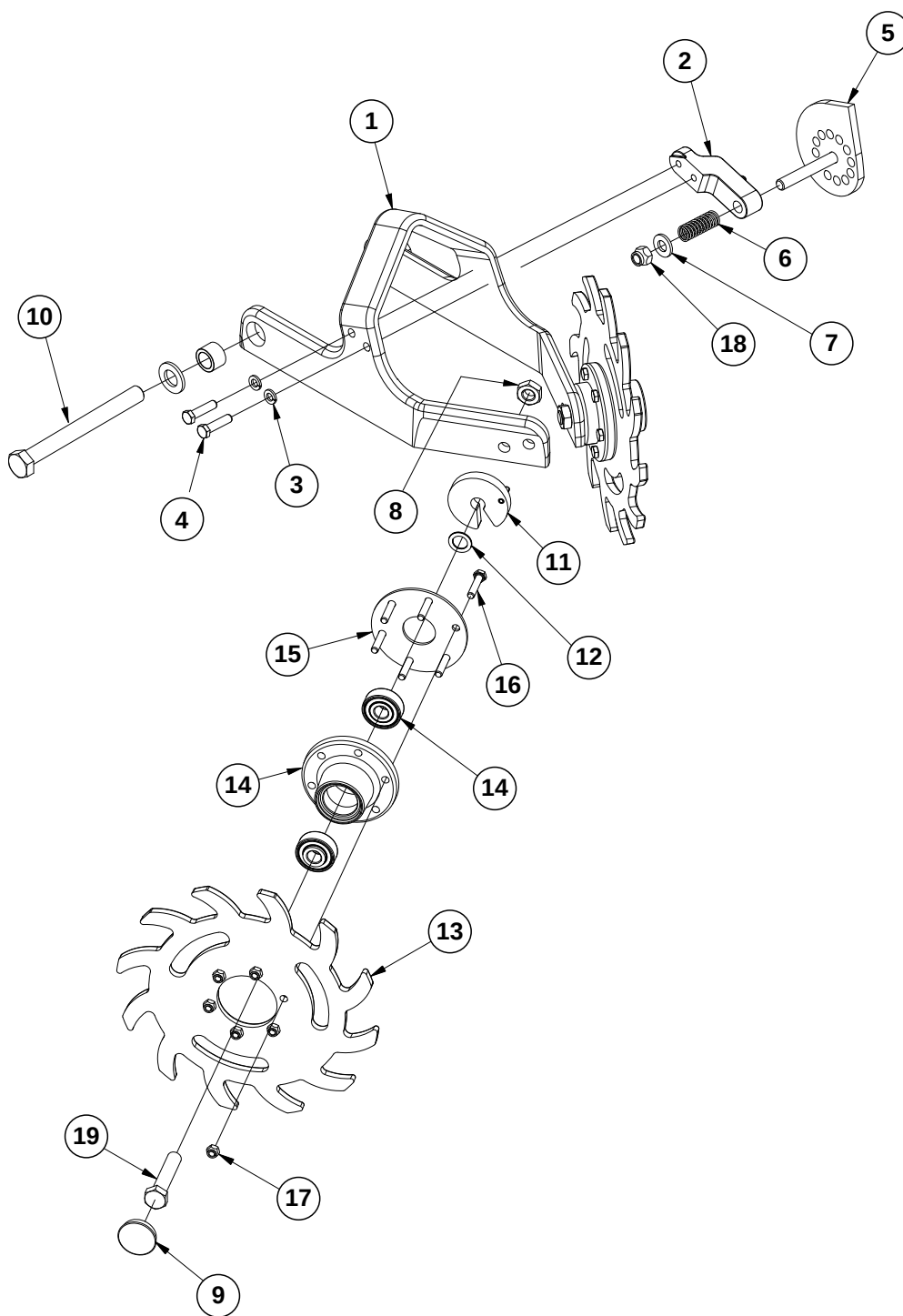
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10670	2	Hair Pin Clip, No. 3
2	GD1059L GD1059R	1 1	Support, L.H. (Shown) Support, R.H.
3	G10002 G10229	4 4	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ " Lock Washer, $\frac{3}{8}$ "
4	GA4444	1	Lid
5	GA26287	1	Hopper Panel Extension (Non-Stock Item)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

(RU103dd)



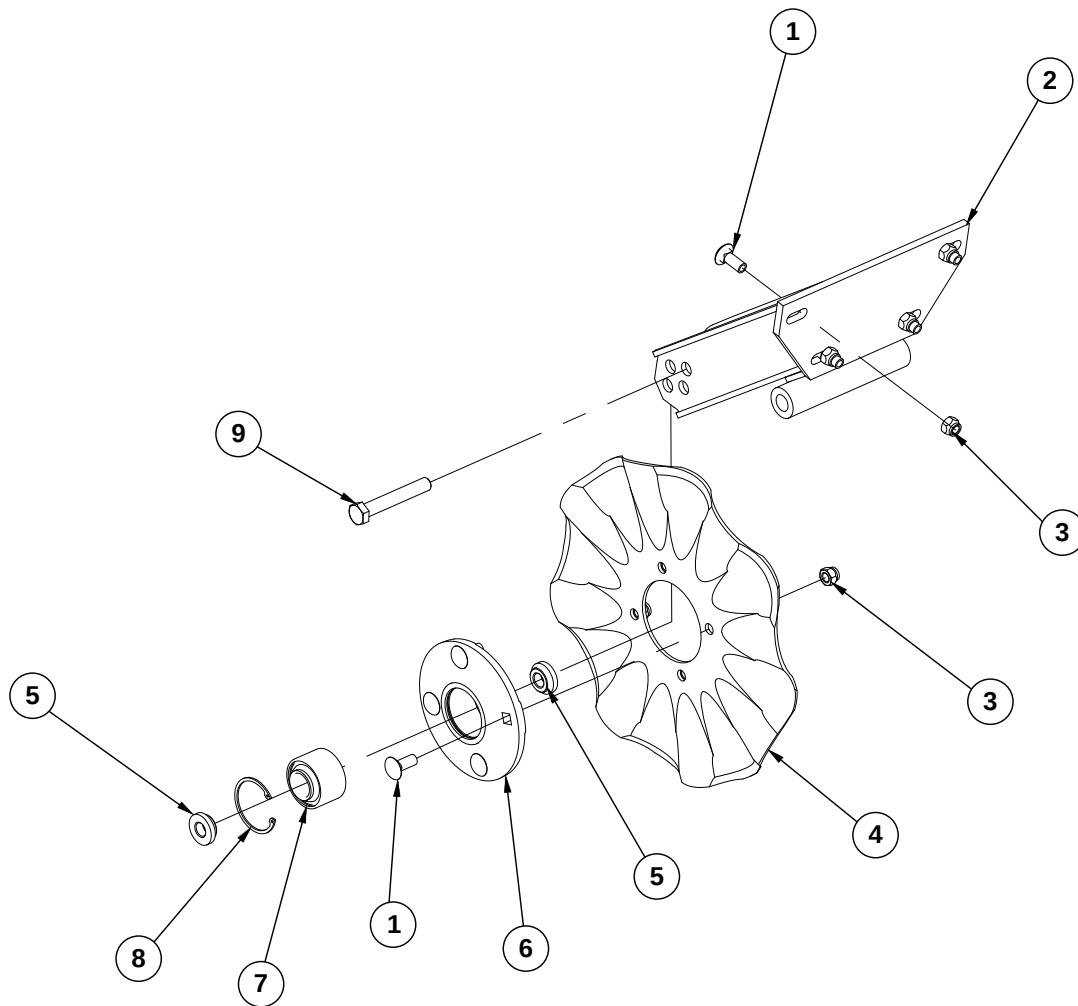
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GB0387	1	Wheel, 12 Tine, 3/8" x 12"
2	GA5654 GA2014	1 -	Hub W/Bearings Bearing
3	G10133 G10109	6 6	Hex Head Cap Screw, 5/16"-18 x 1 1/2" Lock Nut, 5/16"-18, Grade 8
4	GA6838	1	Wheel Mount
5	G10033 G10228 G10102	2 2 2	Hex Head Cap Screw, 1/2"-13 x 3 1/2" Lock Washer, 1/2" Hex Nut, 1/2"-13
6	GD9720	2	Spacer, 1/2" x 2 3/16" Long
7	G10371	1	Hex Head Cap Screw, 1/2"-13 x 3", Full Thread
8	G10501	1	Hex Jam Nut, 1/2"-13, Grade 2
9	GA6833	1	Upper Link
10	G10574 G10111	4 4	Carriage Bolt, 1/2"-13 x 1 1/4" Lock Nut, 1/2"-13
11	GA6832	1	Mount
12	GA6834	1	Lower Link
13	G10348 G10111	1 1	Hex Head Cap Screw, 1/2"-13 x 5" (Lockup Bolt) Lock Nut, 1/2"-13
14	GD5857	2	Spring
15	GD9715	2	Spacer, 1/2" x 3" Long
16	G10045 G10228 G10102	2 2 2	Hex Head Cap Screw, 1/2"-13 x 4 1/2" Lock Washer, 1/2" Hex Nut, 1/2"-13
17	GD9724	1	Backing Plate
18	G10006	1	Hex Head Cap Screw, 5/8"-11 x 2 1/4"
19	GD1132	1	Dust Cap
A	GA12236	-	Wheel Assembly, 12 Tine, R.H. (Items 1-3 and 18)

(IP1468)



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

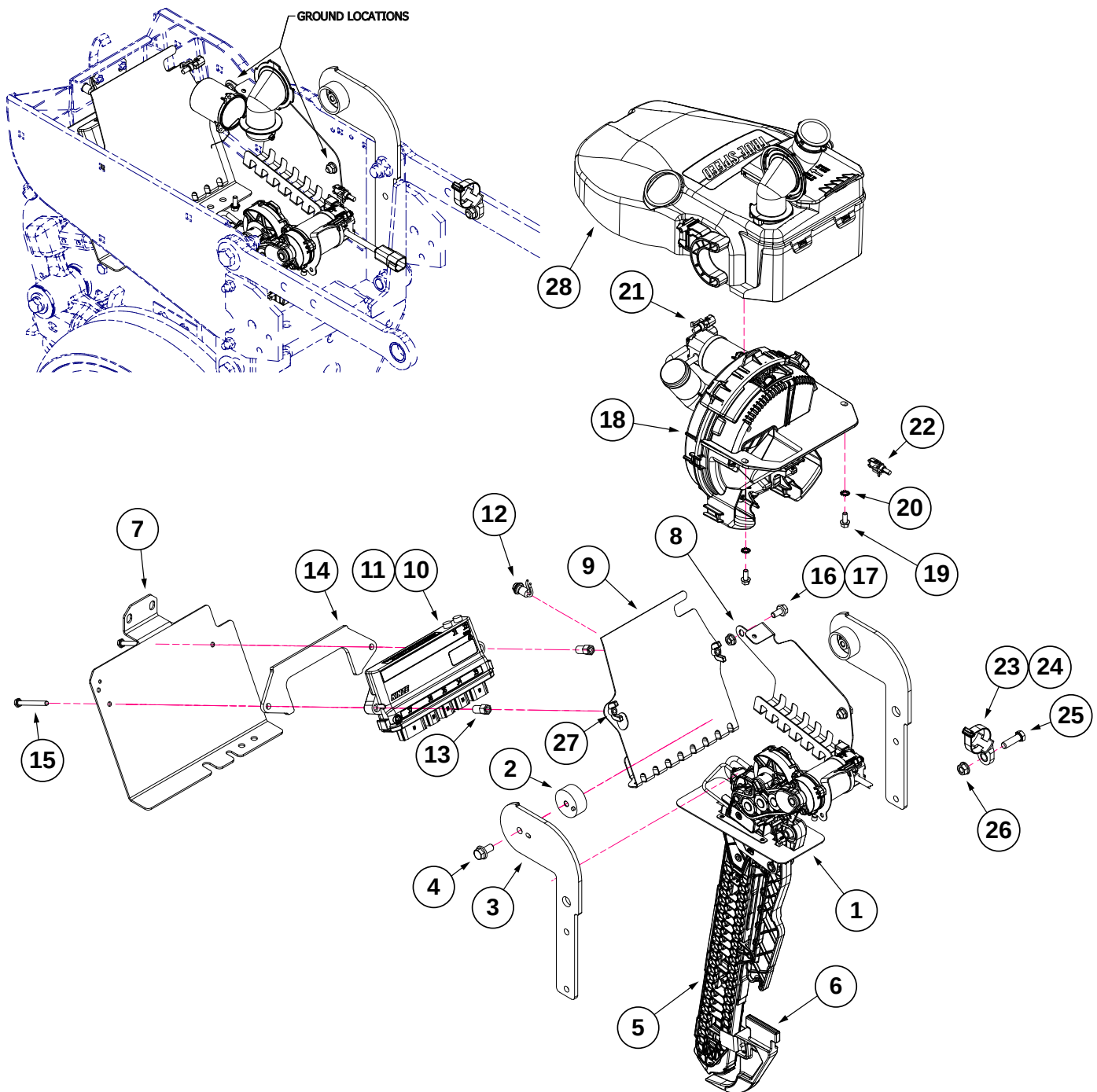
(IP1279)



ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	G10574	8	Carriage Bolt, 1/2"-13 x 1 1/4"
2	GA24239	1	Arm
3	G10111	8	Lock Nut, 1/2"-13
4	GD7803	1	Disc Blade, Fluted, 1", 8 Flutes (Shown)
	GD7804	-	Disc Blade, Bubbled, 1"
	GD9254	-	Disc Blade, Fluted, 3/4", 13 Flutes
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	1	Hex Head Cap Screw, 5/8"-11 x 4"
	G10107	1	Lock Nut, 5/8"-11

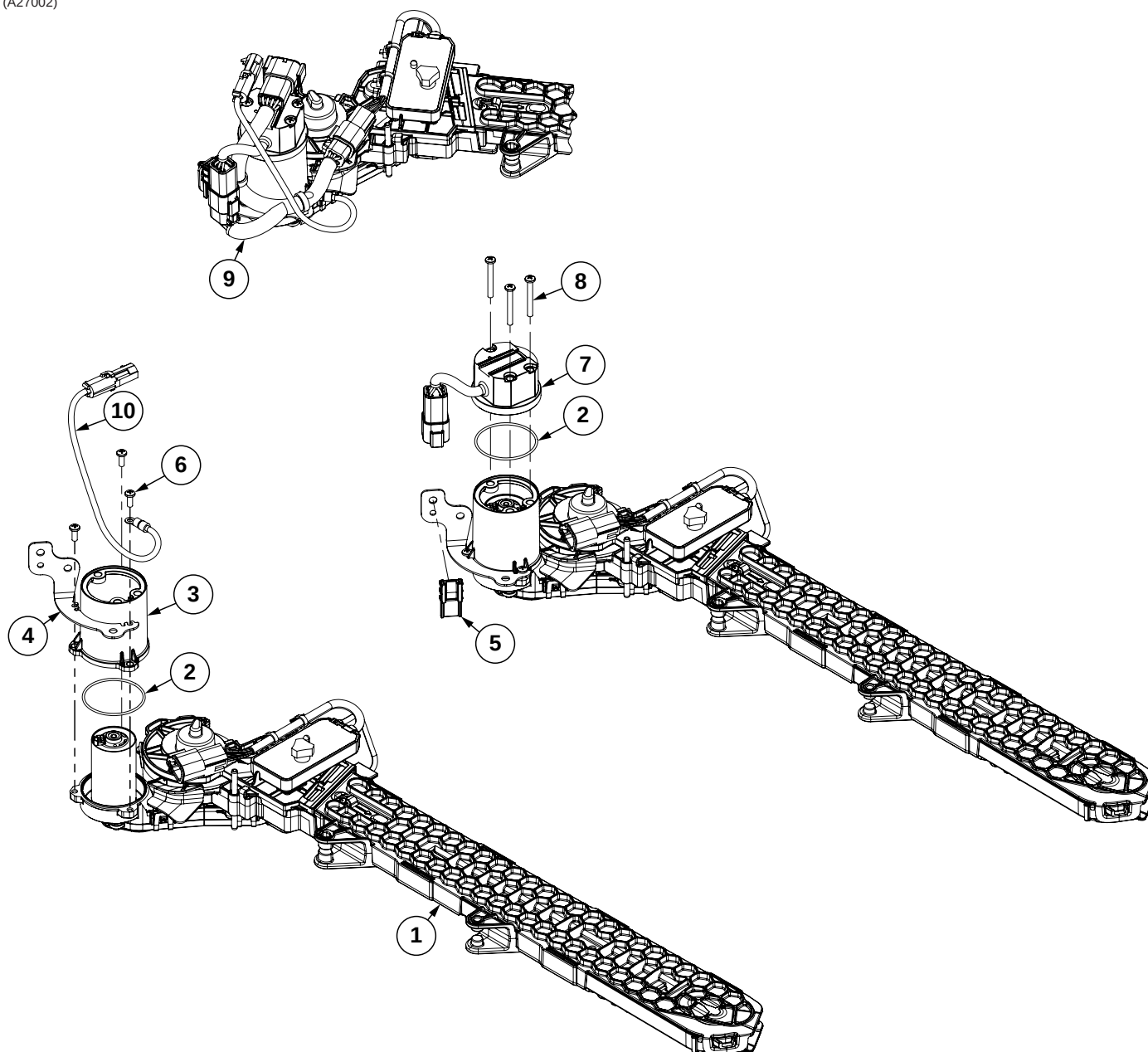
This page left blank intentionally.

(103185)



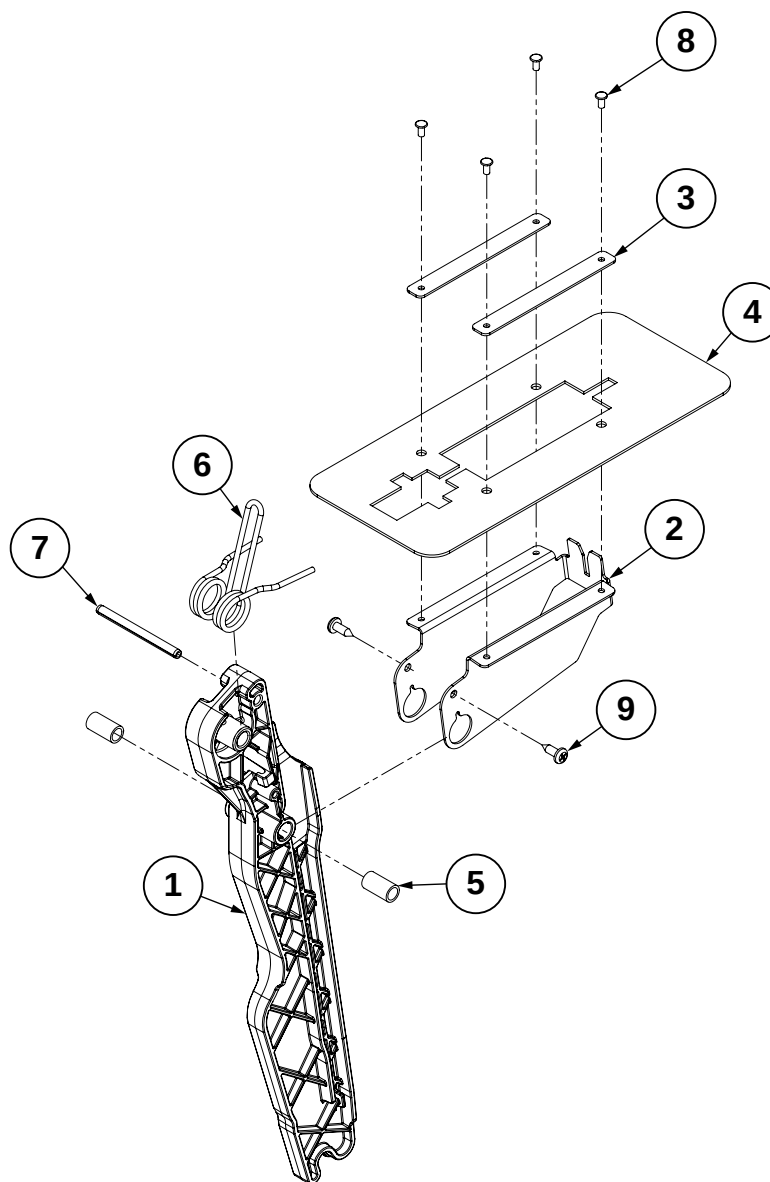
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "Seed Delivery Rail Assembly" on page P47
2	GB1218	2	Hopper Mount
3	G10302401	2	True Speed Hopper Mount, 3000 Series
4	G11123	2	Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"
5	---	-	See "True Speed Seed Delivery System W/Driver" on page P46
6	G10418802	1	Disc Opener Scraper
7	G10617801	1	Pull Unit IPN Mount
8	G10267501	1	Wire Tray
9	G10267601	1	IPN Wire Shield, 3000 Series
10	GA25949	1	IPN Module Assembly
11	G7100-616	1	Decal, IPN/IPR M12 Connector O-Ring
12	GA15485	1	Switch
13	GD35609	2	Hex Standoff
14	GD35629	1	IPN RU Mount Plate
15	G11929	2	Hex Head Cap Screw, 1/4"-20 x 2.75", Grade 5
16	G10961	2	Hex Socket Flange Cap Screw, 5/16"-18 x 3/4", Grade 5
17	G10620	2	Serrated Flange Nut, 5/16"-18
18	---	-	See "True Speed Seed Meter" on page P52
19	G10960	2	Hex Non-Serrated Flange Cap Screw, 1/4"-20 x 5/8", Grade 5
20	G11249	2	External Tooth Washer, 1/4"
21	G10213601	1	ESD Ground Strap Harness, True Speed
22	G10213602	1	ESD Ground Strap Harness, True Speed
23	G10176901	1	Cable Tie, 1/2" x 12"
24	G10088301	1	Cable Tie Mount, 3/8"
25	G10004	1	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
26	G10622	1	Serrated Flange Nut, 3/8"-16
27	G10531	2	Wing Nut, 1/4"-20
28	---	-	See "True Speed Mini-Hopper" on page P58

(A27002)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA27001	1	See "True Speed Seed Delivery System Assembly" on page P48
2	GB1291	2	O-Ring
3	GB1289	1	BLDC Cover Housing
4	GD36961	1	Harness Routing Bracket
5	GD26293		Attachment Clip
6	G11981		Phillips Pan Head Machine Screw, #8-32 x 1/2"
7	G10429001	1	Motor Driver Assembly
8	G11297	3	Phillips Pan Head Machine Screw #8-32 x 1 3/8", Stainless Steel
9	GA26980	1	True Speed Seed Tube
10	G10213502	1	True Speed ESD Ground Strap Harness

(103188)



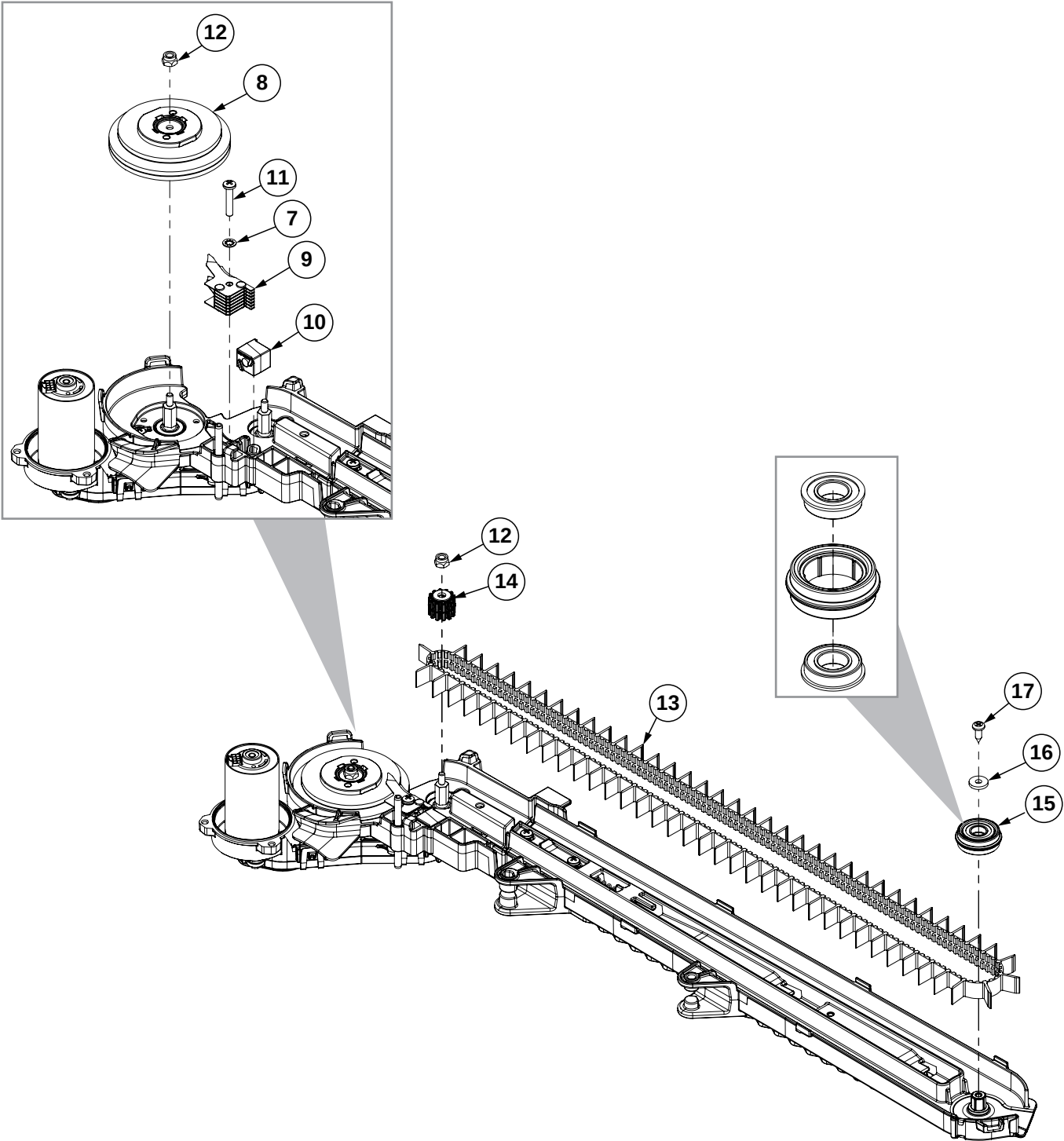
ITEM	PART NO.	QTY.	DESCRIPTION
1	GB1269	1	Seed Delivery Rail
2	GD36950	1	Seed Delivery Collar
3	GD36962	2	Residue Cover Retainer
4	GB1309	1	Residue Cover
5	GD36952-02	2	Spacer, .375" O.D. x 18 GA Wall x .69"
6	GD36951	±	Seed Delivery Spring
7	G11996	1	Spring Slot Pin, 3/16" x 2-1/4"
8	G11765	4	Blind Rivet, 1/8" x 1/4"
9	G11578	2	Phillips Pan Head Tapping Screw, No. 8-18 x 1/2"

True Speed Seed Delivery System Assembly

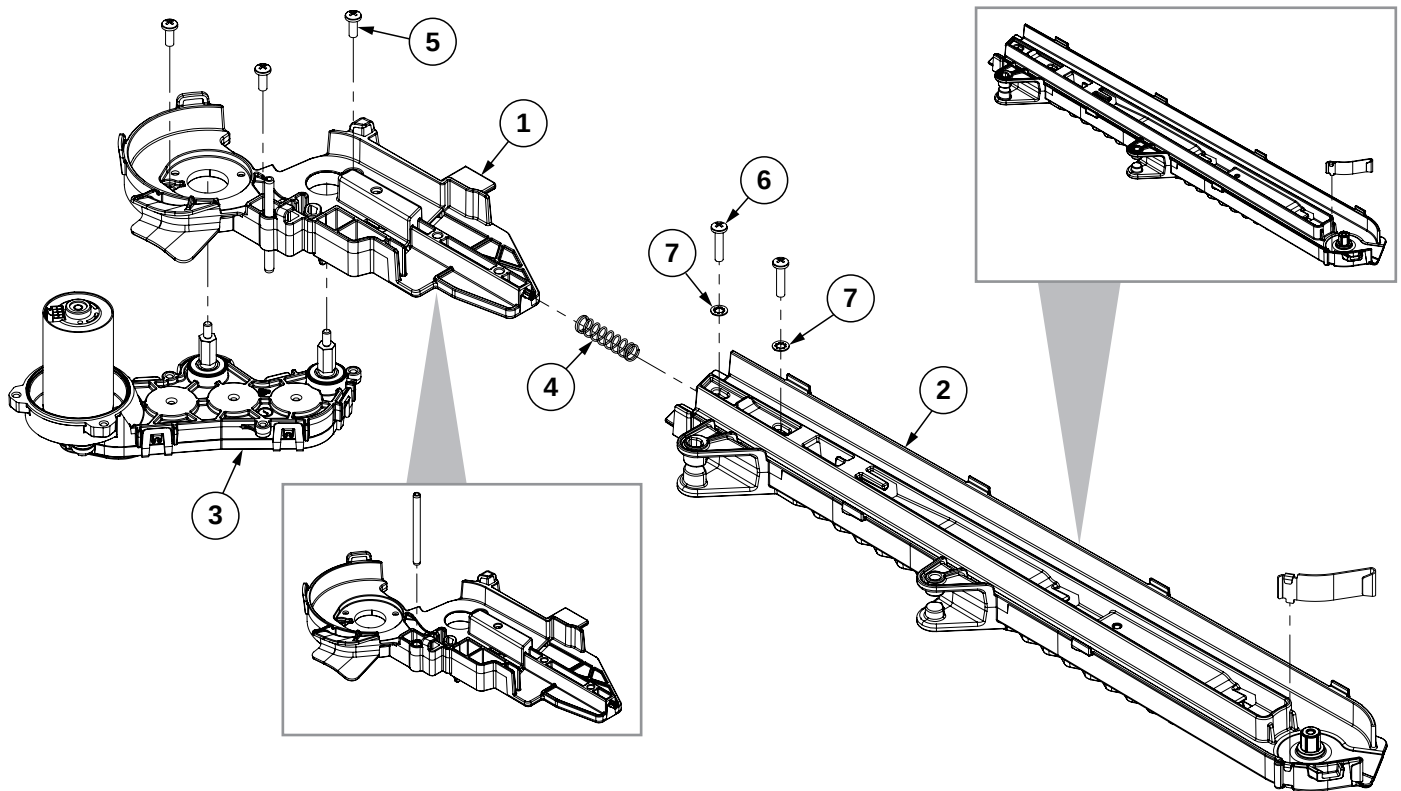
Model 3605

M0312-02

(A27001)

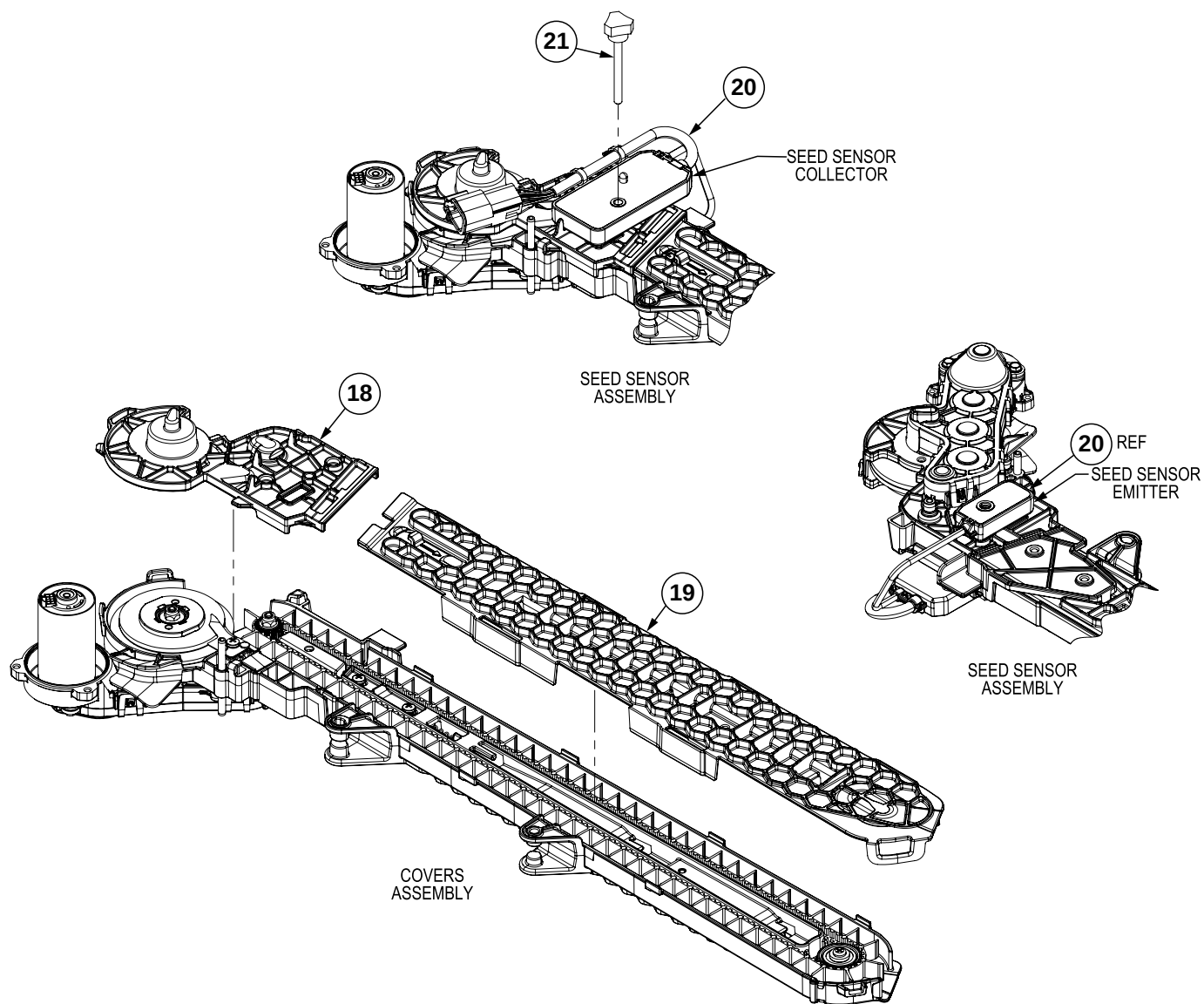


(A27001)



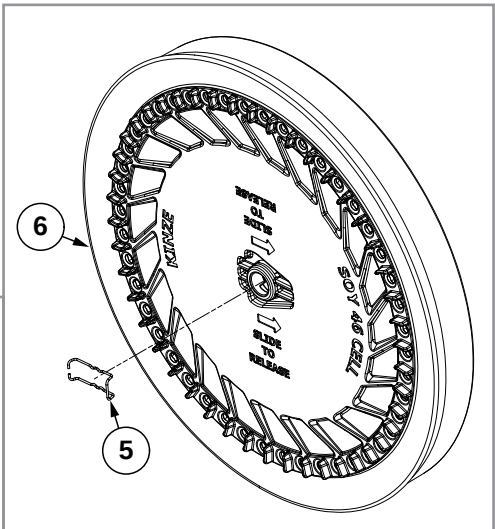
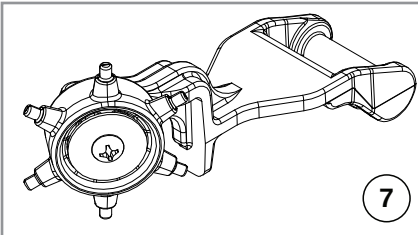
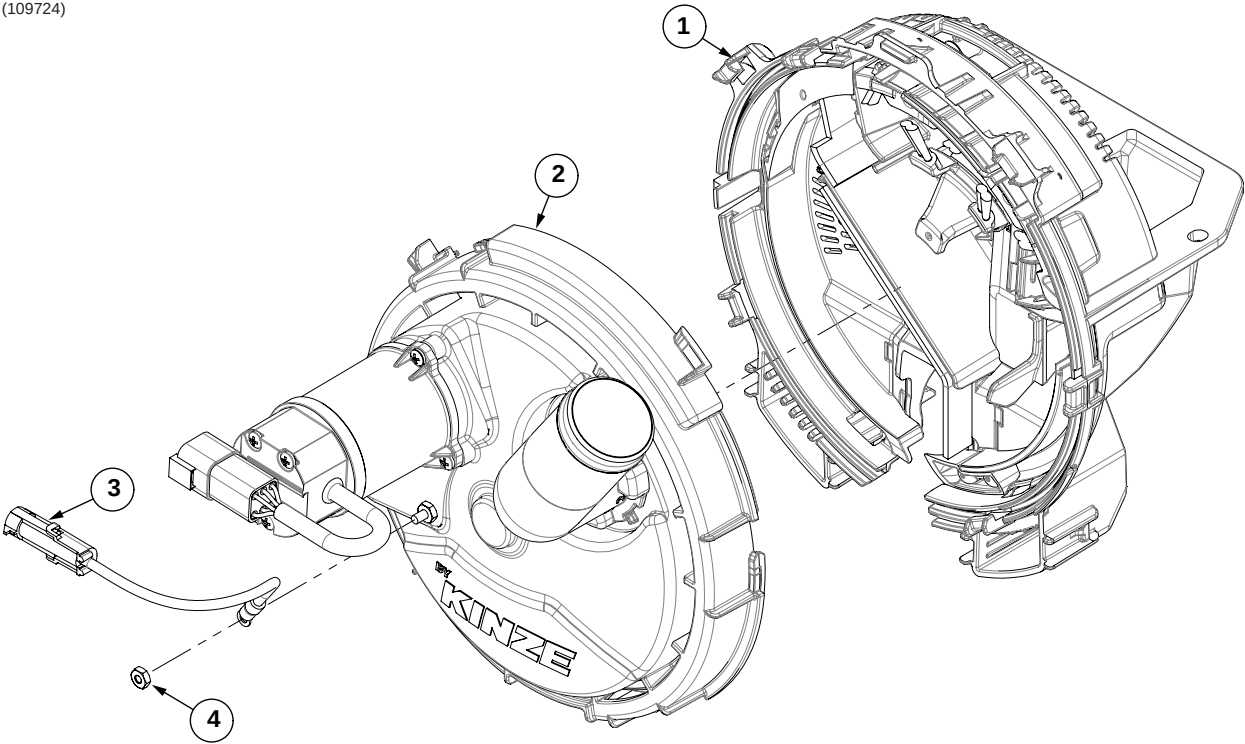
Continued on following pages.

(A27001)



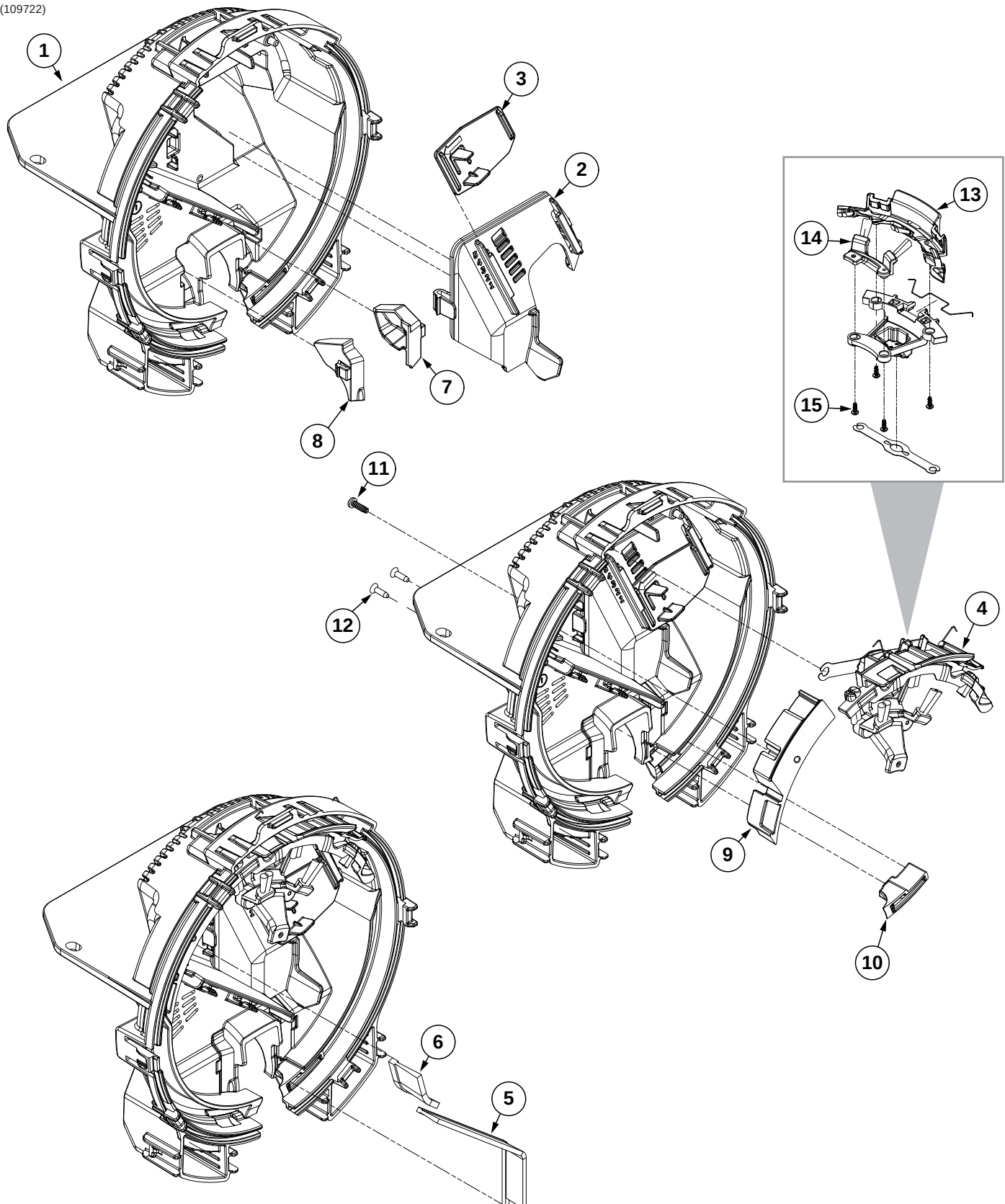
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA27133	1	Seed Delivery Upper Housing Assembly
	G10208201	1	Seed Delivery Upper Housing (Included W/GA27133)
	G11996	1	Spring Slot Pin, 3/16" x 2-1/4" (Included W/GA27133)
2	GA27084	1	Seed Delivery Lower Housing Assembly
	GB1250	1	Seed Delivery Lower Housing (Included W/GA27084)
3	G10545501	1	Seed Delivery Gearcase Assembly
4	GD36938	1	Belt Tensioner Spring
5	G11986	3	Phillips Pan Head Machine Screw, No. 8-32 x 7/16"
6	G11067	2	Phillips Pan Head Machine Screw, No. 8-32 x 3/4", Stainless Steel
7	G11995	3	Internal Tooth Washer, No. 8, Stainless Steel
8	GA27005	1	Brush Wheel Assembly
9	GA27004	1	Stripper Wheel Comb Assembly
10	GB1257	1	Seed Relief Scrubber
11	G11982	1	Phillips Pan Head Machine Screw, No. 8-32 x 7/8", Stainless Steel
12	G11202	2	Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel
13	GB1256	1	Seed Delivery Belt
14	GB1254	1	Belt Drive Sprocket
15	GA27134	1	Seed Delivery Idler Pulley Assembly
	GB1255	1	Seed Deliver Idler Pulley (Included W/GA27134)
16	G11983	1	Flat Washer, No. 8
17	G11578	1	Phillips Pan Head Tapping Screw, No. 8-18 x 1/2"
18	G10208301	1	Seed Delivery Upper Cover
19	GB1251	1	Seed Delivery Lower Cover
20	GA27003	1	Seed Sensor Assembly
21	G10230701	1	Hex Socket Head Cap Screw, No. 10-24
	G10060301	1	Knob, No. 10
A	GA27001	1	Seed Delivery System Assembly, Items 1-21

(109724)



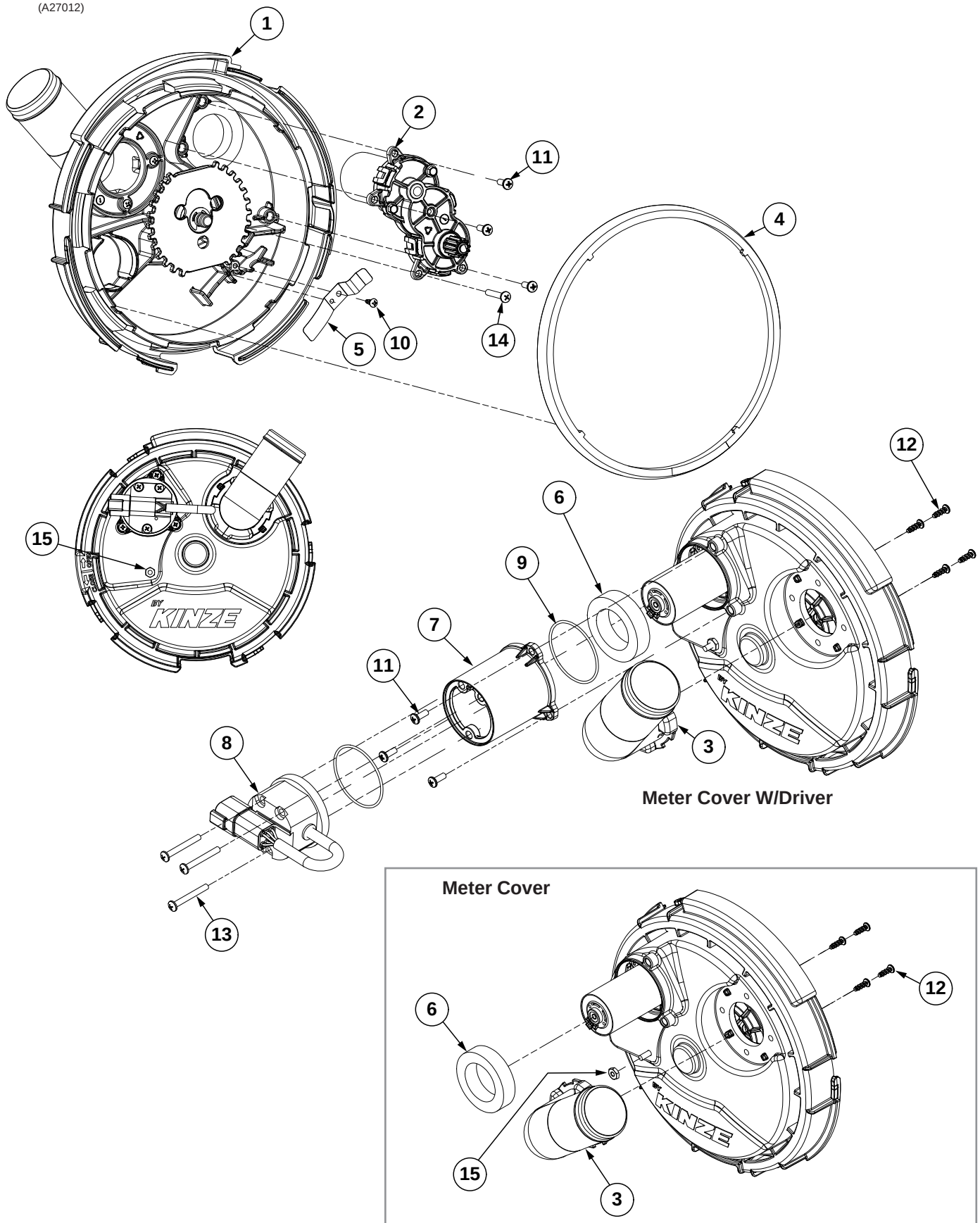
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10972201	1	See "True Speed Meter Housing" on page P54
2	GA27012	1	See "True Speed Meter Cover" on page P56
3	G10213501	1	Only applicable W/True Speed Meter W/Driver
4	G10928	1	Only applicable W/True Speed Meter W/Driver
5	G10318701	1	Seed Disc Retention Clip (Included W/Item 6)
6	G10892X	-	Seed Disc, Corn, 32 Cell (Light Blue Color-Coded) and Ejector Assembly
	G10893X	-	Seed Disc, Soybean, 92 Cell (Black Color-Coded) and Ejector Assembly
	G10894X	-	Seed Disc, Soybean, 46 Cell (Black Color-Coded) and Ejector Assembly
	G11124X	-	Seed Disc, Sunflower, 23 Cell (Yellow Color-Coded) and Ejector Assembly
	G10860X	-	Seed Disc, Sugarbeets/Milo, 46 Cell (Orange Color-Coded) and Ejector Assembly
	G11340X	-	Seed Disc, Rapeseed/Canola, 104 Cell (Dark Gray Color-Coded) and Ejector Assembly
	G11551X	-	Seed Disc, Wheat/Barley, 210 Cell (Red Color-Coded) and Ejector Assembly
7	G10177501	-	Ejector Assembly, 32 Cell Corn (Included W/G10892X)
	G10177601	-	Ejector Assembly, 92 Cell Soybean (Included W/G10893X)
	G10177701	-	Ejector Assembly, 46 Cell Soybean (Included W/G10894X)
	G10618501	-	Ejector Assembly, 23 Cell Sunflower (Included W/G11124X)
	GA27023	-	Ejector Assembly, 46 Cell Sugarbeets/Milo (Included W/G10860X)
	G10923601	-	Ejector Assembly, 104 Cell Rapeseed/Canola (Included W/G11340X)
	G11051001	-	Ejector Assembly, 210 Cell Wheat/Barley (Included W/G11551X)
A	G10972401	1	True Speed Meter W/Driver Assembly, Items 1-4
B	G10972501	1	True Speed Meter Assembly, Items 1-2

(109722)



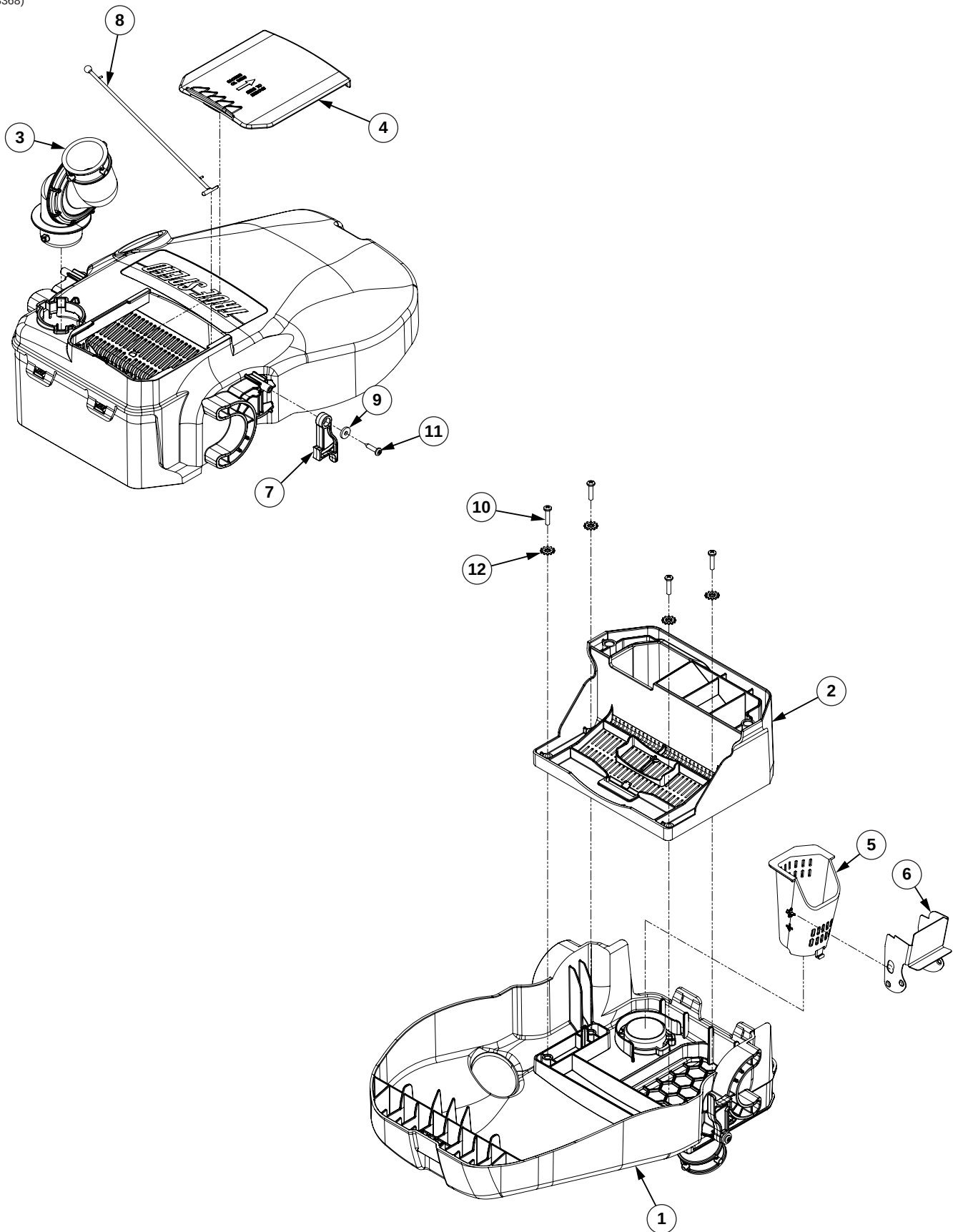
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10208401	1	Meter Housing
2	GB1275	1	Meter Baffle
3	GB1276	1	Door Baffle
4	GA27013	1	Singulator Assembly (Includes Items 13-14)
5	GD36954	1	Meter Wall Brush, Small
6	G10459801	1	Meter Wall Brush, Large
7	GB1307	1	Meter Housing Plug
8	GB1306	1	Meter Housing Plug
9	G10153101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

(A27012)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10320401	1	Meter Cover W/Bearing Assembly
2	G10545601	1	Meter Gearcase Assembly
	GA27007	-	BLDC Motor (Included W/G10545601)
	GB1288	-	Meter Pinion Gear (Included W/G10545601)
	G11994	-	External Side Mount Retaining Ring (Included W/G10545601)
	G10263501	-	Hex Serrated Flange Machine Screw, No. 6-32, Grade 2 (Included W/G10545601)
3	GB1281	1	Vacuum Elbow
4	GB1282	1	Meter Seal
5	GD36959	1	Ejector Arm Retention Spring
6	G10108302	1	Motor Foam Seal
7	GB1289	1	BLDC Cover Housing
8	G10429001	1	Motor Driver Assembly
9	GB1291	2	O-Ring
10	G11619	1	Phillips Pan Head Tapping Screw, No. 6-19 x 3/8"
11	G10724301	6	Phillips Pan Head Machine Screw, No. 8-32 x 7/16"
12	G11578	4	Phillips Pan Head Tapping Screw, No. 8-18 x 1/2"
13	G11960	3	Phillips Pan Head Machine Screw #8 - 32 x 1 1/2", Stainless Steel
14	G11201	1	Phillips Pan Head Machine Screw, No. 8-32 x 1", Stainless Steel
15	G10928	1	Hex Nut, No. 8-32, Stainless Steel

(103368)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10201002	1	Mini-Hopper Cover
2	GB1240	1	Mini-Hopper
3	GA26999	1	Bulk Fill Swivel Inlet
4	GB1242	1	Mini-Hopper Lid
5	G10506301	1	Bulk Fill Diffuser
6	G10199801	1	Diffuser Door
7	GB1246	1	Hopper Latch
8	GB1247	1	Tether
9	G11983	1	Flat Washer, No. 8
10	G11067	4	Phillips Pan Head Machine Screw, No. 8-32 x 3/4", Stainless Steel
11	G11770	1	Phillips Pan Head Tapping Screw, 8-18 x 3/4"
12	G10931	4	Lock Washer, No. 8, Internal/External, Stainless Steel

This page left blank intentionally.

Split Row Push Unit

M0312-02

Model 3605

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 P2](#)

[See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P6](#)

[See "15" Seed Opener Disc Blade/Bearing Assembly and Scrapers" on page P8](#)

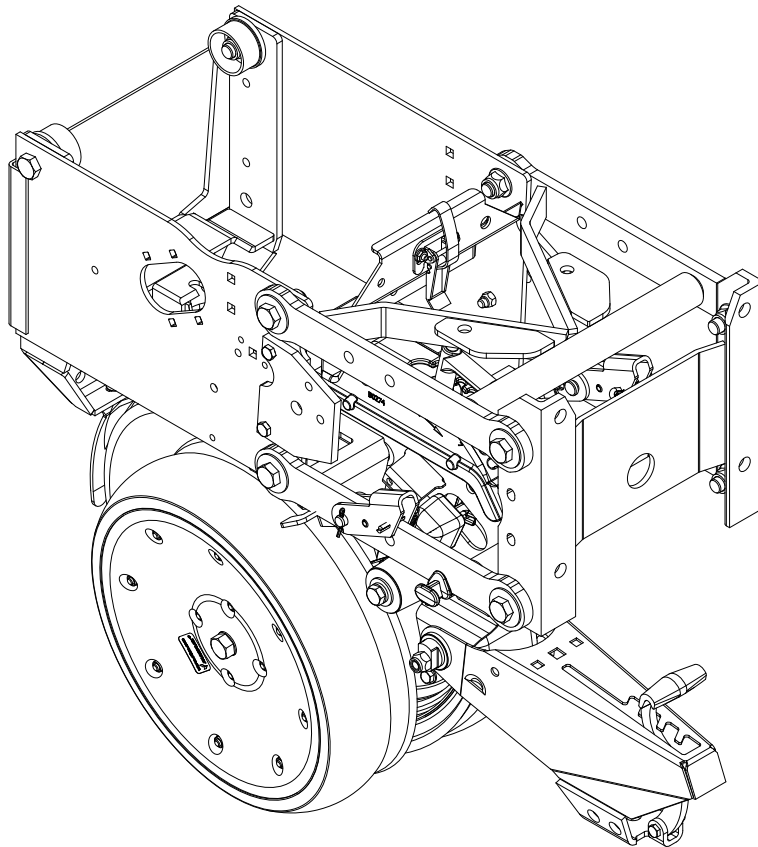
[See "Gauge Wheels" on page P12](#)

[See "'V' Closing Wheels" on page P14](#)

[See "Hopper Support and Meter Drive" on page P16](#)

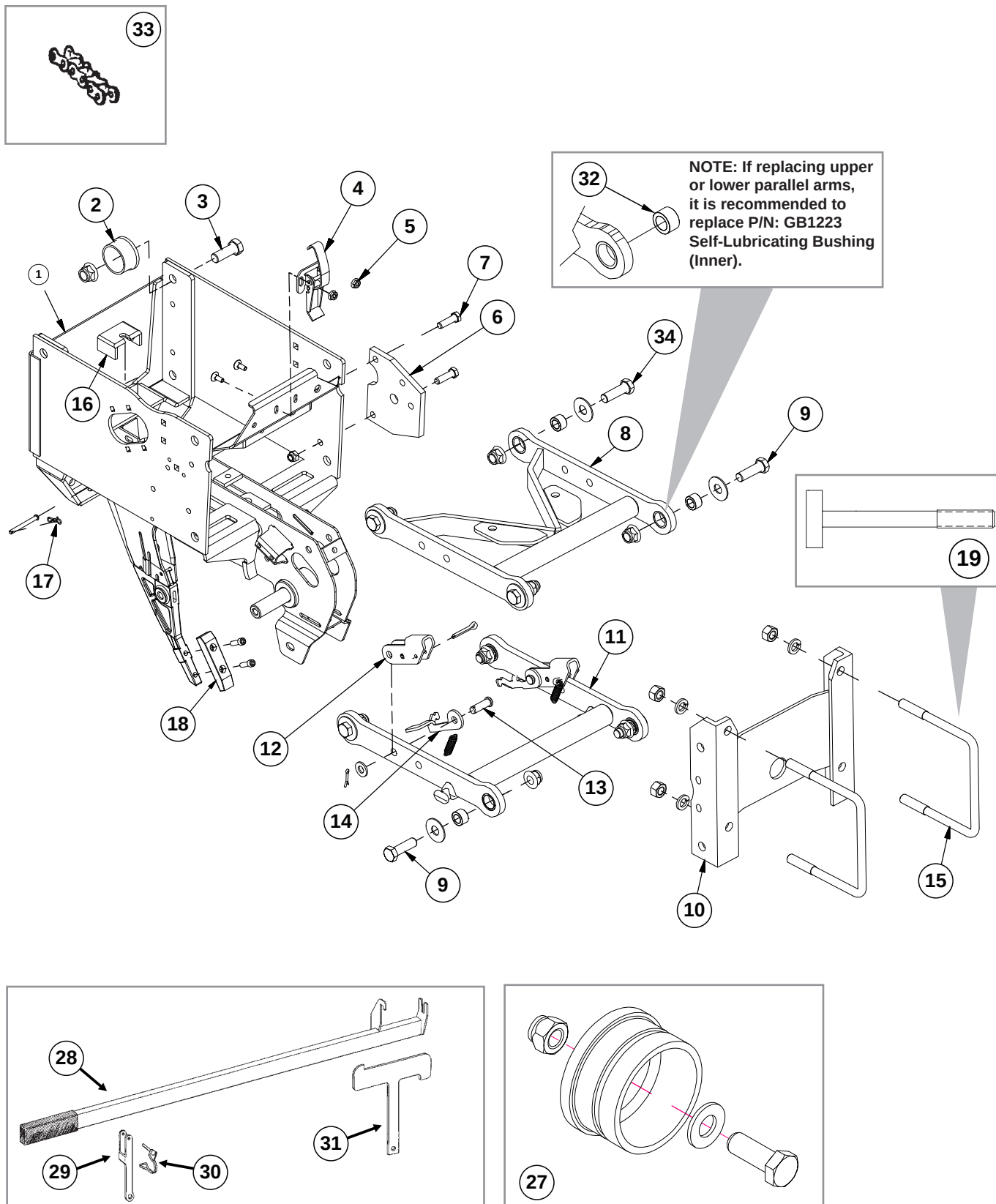
[See "Seed Hopper and Lid" on page P21](#)

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 Wheels)
2	G10985X	1	Push Row Unit Assembly (Spoked Gauge Wheels)
3	G10918X	1	Push Row Unit Assembly (Spoked Gauge Wheels), True Speed

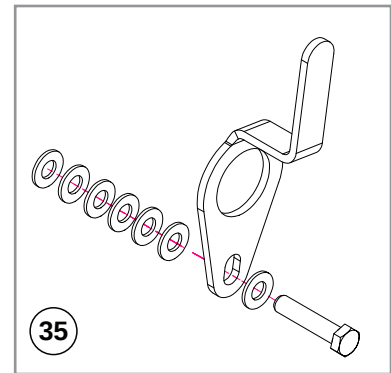
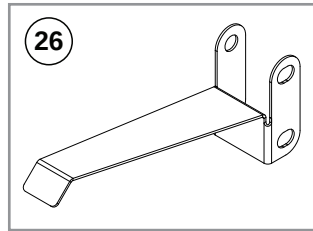
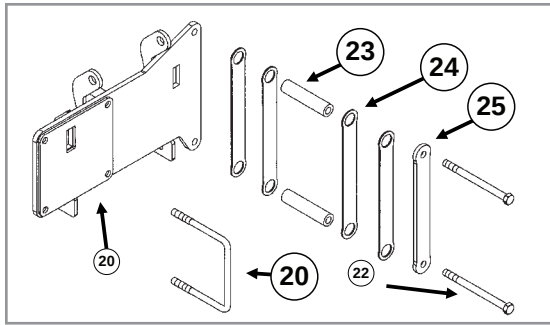
NOTE: Push row units use the same seed tube, row unit depth adjustment components, quick adjustable down force springs, 15" opener disc blades, gauge wheels, closing wheels, meter drive and seed hopper as the pull row unit. See those pages for common parts.



Split Row Push Unit Assembly

M0312-02

Model 3605

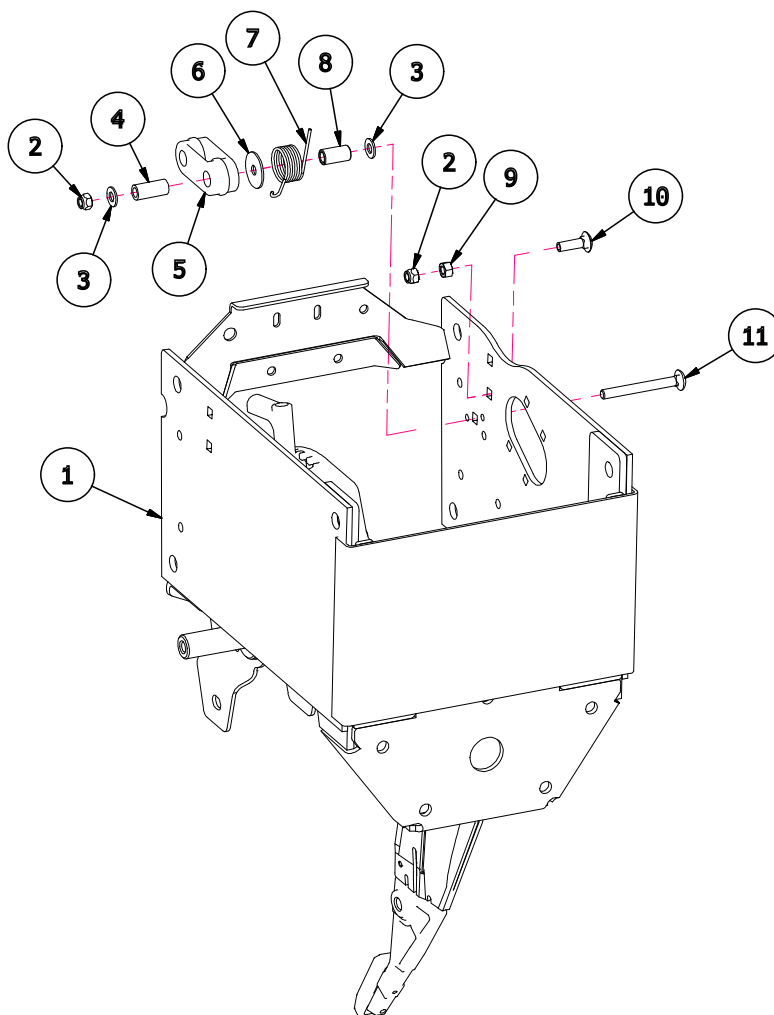


ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	GA26297	1	Push Unit Shank (True Rate)
	G10258501	1	Push Unit Shank (True Speed)
2	GB0314	2	Hopper Mount
3	G10751	6	Hex Head Cap Screw, 5/8"-18 x 1 3/4"
4	GA2007	1	Hopper Hold Down Latch
5	G10621	2	Serrated Flange Nut, 1/4"-20
	G10309	2	Carriage Bolt, 1/4"-20 x 5/8", Grade 5
6	GD24545	2	Row Unit Stop
7	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G10108	4	Lock Nut, 3/8"-16
8	G10011001	1	Upper Parallel Arm, Push Unit
	GB1224	4	Self-Lubricating Bushing, 1.25" x 1"
9	G10732	4	Hex Head Cap Screw, 5/8"-18 x 2"
	G11976	4	Flat Washer, 5/8" x 1-3/4"
	GB1223	4	Self-Lubricating Bushing, 1" x .645"
	G11514	4	Non-Serrated Flange Locknut, 5/8"-18
10	GA11971	1	Mounting Plate
11	G10010901	1	Lower Parallel Arm, Push Unit
	GB1224	4	Self-Lubricating Bushing, 1.25" x 1"
12	GA8645	2	Lockup Sub-Assembly
	G10718	-	Spring Pin, 5/16" x 1 1/8" (Included W/GA8645)
	GD11264	-	Lockup (Included W/GA8645)
	G10463	2	Cotter Pin, 1/4" x 1 1/2"
	GD25569	2	Spring
13	G10284	2	Clevis Pin, 1/2" x 1 1/2"
	G11389	2	Flat Washer, 1/2" Plated SAE
	G10451	2	Cotter Pin, 1/8" x 1"
14	GD25568	1	Spring Mount Tab, L.H.
	GD29459	1	Spring Mount Tab, R.H.
15	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
16	GD16245	1	Shank Cover
17	G10551	1	Clevis Pin, 1/4" x 2 1/2"
	G10122301	1	Bow Tie Cotter Pin, .078" x 1-3/8"
18	G10500901	2	Hex Socket Head Cap Screw, 5/16"-18 x 1"
	G10038601	1	Scraper
19	GA9105	-	T-Bolt, 5/8"-11 x 6" (Center Rows)
	G10230	-	Lock Washer, 5/8"
	G10104	-	Hex Nut, 5/8"-11

Continued on the next

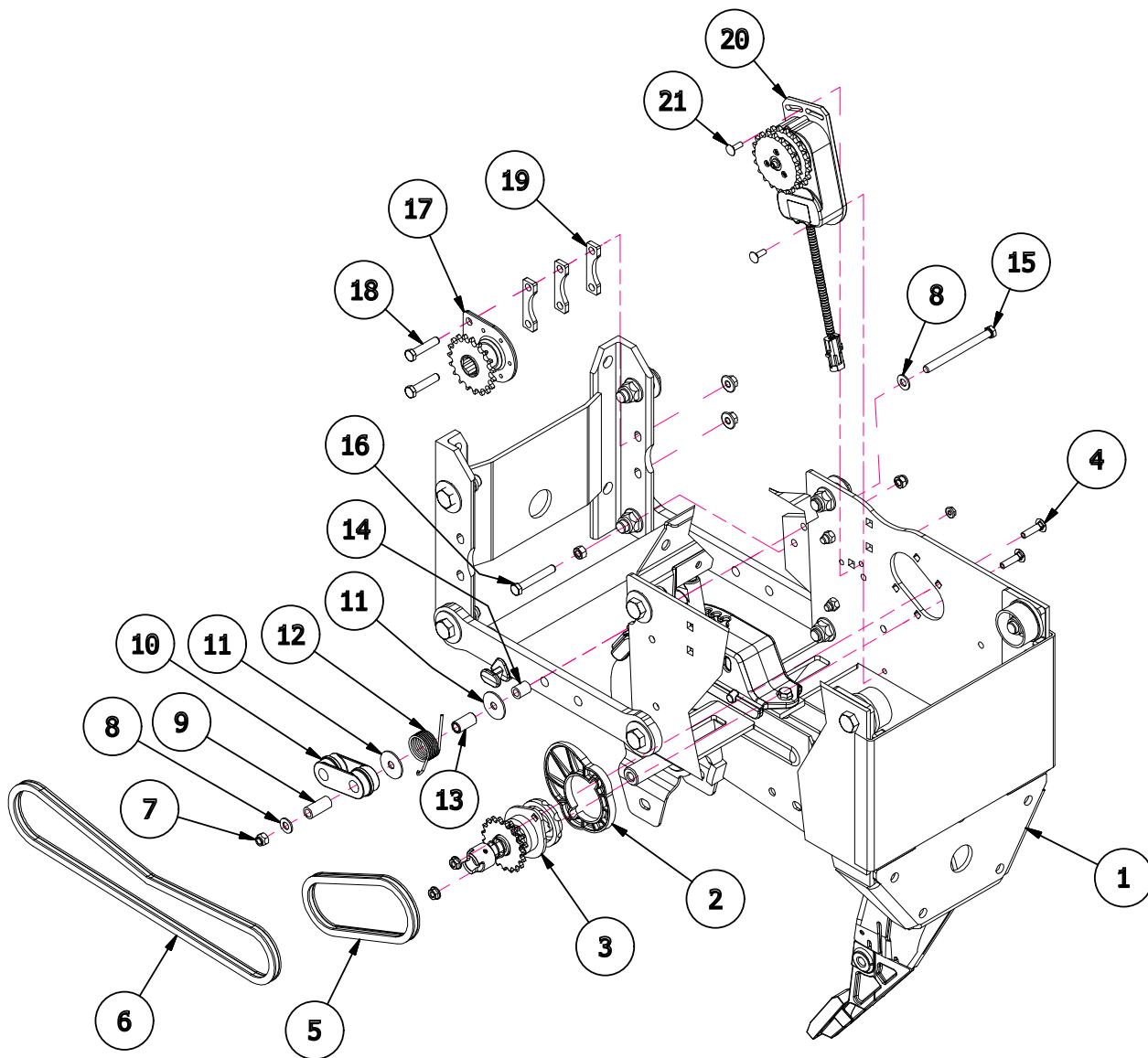
ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
20	GD1113	-	U-Bolt, 5" x 7" x 5/8"-11
	G10230	-	Lock Washer, 5/8"
	G10104	-	Hex Nut, 5/8"-11
21	GA12677	-	R. H. Offset Hinge Mount
	GA18304	-	L.H. Offset Hinge Mount
22	G10341	-	Hex Head Cap Screw, 5/8"-11 x 8"
	G10230	-	Lock Washer, 5/8"
	G10104	-	Hex Nut, 5/8"-11
23	GD7817-18	2	Spacer, 1 1/16" I.D. x 5 1/2" Long
24	GD18136	4	Pad
25	GD18135	1	Bar
26	GD29806	-	Seed Tube Bracket
27	GD17052	1	Vacuum Plug
	G11387	1	Hardened Washer, 3/8" SAE
	G10001	1	Hex Head Cap Screw, 3/8"-16 x 1"
	G10108	1	Lock Nut, 3/8"-16
28	GA8651	1	Lift Lever W/Boot
	GD11649	-	Boot (Included W/GD11649)
29	GD35471	1	Bracket (Lift Lever)
30	GD9695	1	Wire Lock Pin, 1/4" x 1 3/4"
31	GD35472	1	Mount
32	GB1223	8	Self-Lubricating Bushing
33	G3303-96	1	Chain, No. 41, 96 Pitch Including Connector Link
	GR0196	1	Connector Link, No. 41
34	G10751	4	Hex Head Cap Screw, 5/8"-18 x 1 3/4"
	G11976	4	Flat Washer, 5/8" x 1-3/4"
	GB1223	4	Self-Lubricating Bushing, 1" x .645"
	G11514	4	Non-Serrated Flange Locknut, 5/8"-18
35	GD17014	1	Hose Guide, Vacuum
	G10047	1	Hex Head Cap Screw, 3/8"-16 x 1 3/4"
	G11387	7	Hardened Washer, 3/8" SAE

(IP1586)



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Split Row Push Unit Assembly" on page P62
2	G10108	2	Lock Nut, 3/8"-16
3	G11387	2	Flat Washer, 3/8" SAE
4	GD8893-01	1	Sleeve, 1 3/8" Long
5	GB0968	1	Idler, Push Unit Drive
6	G10201	1	Special Washer, 3/8" x 1 1/2" O.D.
7	GD11218	1	Spring
8	GD1026	1	Sleeve, 1 3/16"
9	G10101	1	Hex Nut, 3/8"-16
10	G10599	1	Carriage Bolt, 3/8"-16 x 1 1/4"
11	G10307	1	Carriage Bolt, 3/8"-16 x 3 1/2"
A	G10577X	-	3K Push Unit Idler (Items 2-11)

(IP1590)



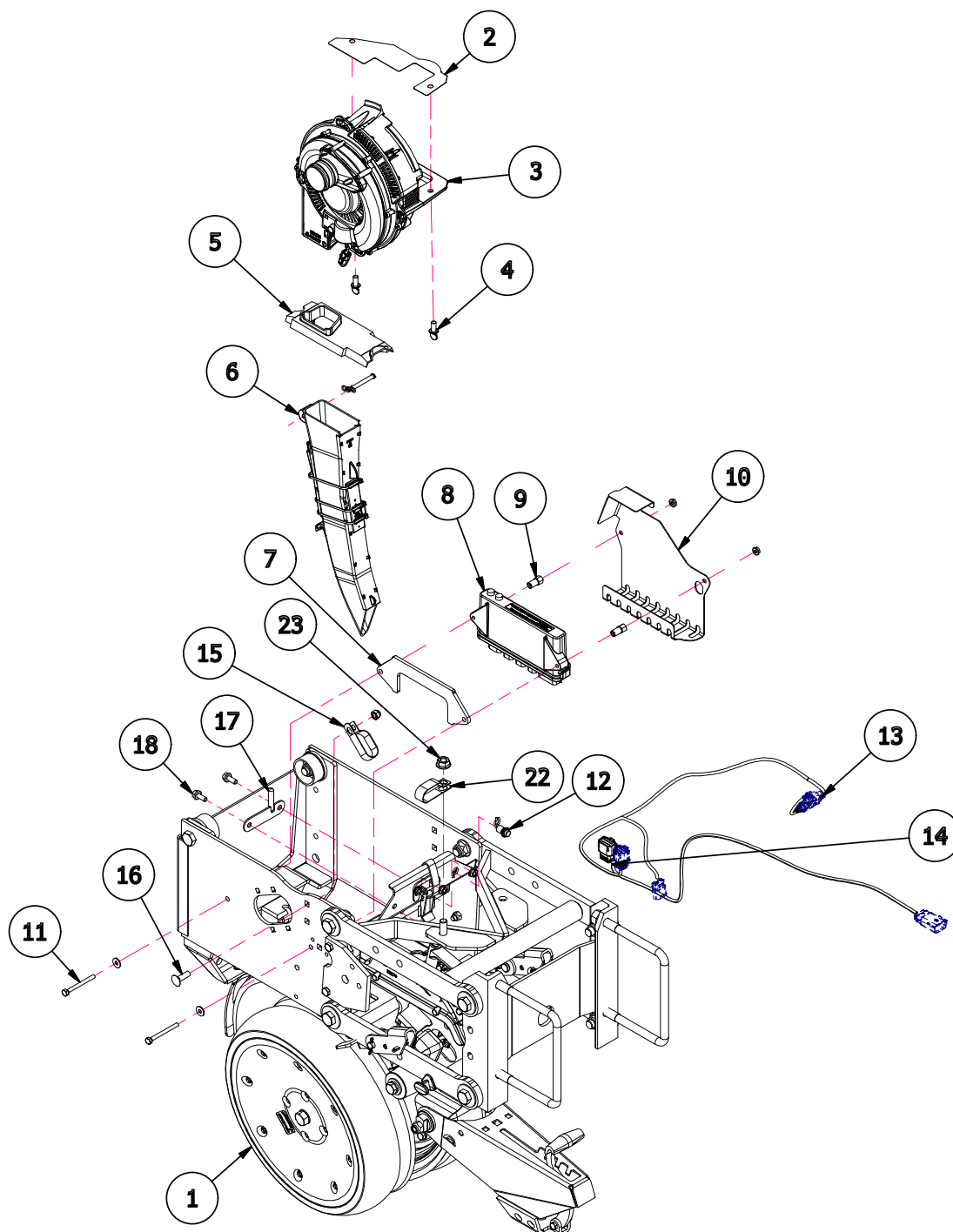
Ag Leader Electric Clutch, Push Unit

M0312-02

Model 3605

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "Split Row Push Unit Assembly" on page P62
2	GB0331	1	Clutch Adapter Plate
3	GA10151	1	Seed Meter Clutch Assembly
4	G10338	2	Carriage Bolt, 5/16"-18 x 1 1/4"
	G10620	2	Serrated Flange Nut, 5/16"-18
5	G3303-41	1	Chain, No. 41, 41 Pitch Including Connector Link
6	G3303-78	1	Chain, No. 41, 78 Pitch Including Connector Link
7	G10108	1	Lock Nut, 3/8"-16
8	G11387	2	Flat Washer, 3/8" SAE
9	GD8893-01	1	Sleeve, 1 3/8" Long
10	GB0968	1	Idler, Push Unit Drive
11	G10201	2	Special Washer, 3/8" x 1 1/2" O.D.
12	GD11218	1	Spring
13	GD1026	1	Sleeve, 1 3/16"
14	GD2971-24	1	Sleeve, 3/4"
15	G10753	1	Hex Head Cap Screw, 3/8"-16 x 4 1/2"
16	G10049	1	Hex Head Cap Screw, 3/8"-16 x 2 1/2"
	G10101	1	Hex Nut, 3/8"-16
	G10108	1	Lock Nut, 3/8"-16
17	GA1720	1	Bearing/Sprocket, 19 Tooth, 7/8" Hex Bore
18	G10047	2	Hex Head Cap Screw, 3/8"-16 x 1 3/4"
19	GD23774	3	Spacer
20	GA16374	1	Electric Clutch
21	G10310	2	Carriage Bolt, 1/4"-20 x 3/4", Grade 2
	G10621	2	Serrated Flange Nut, 1/4"-20

(IP1590)

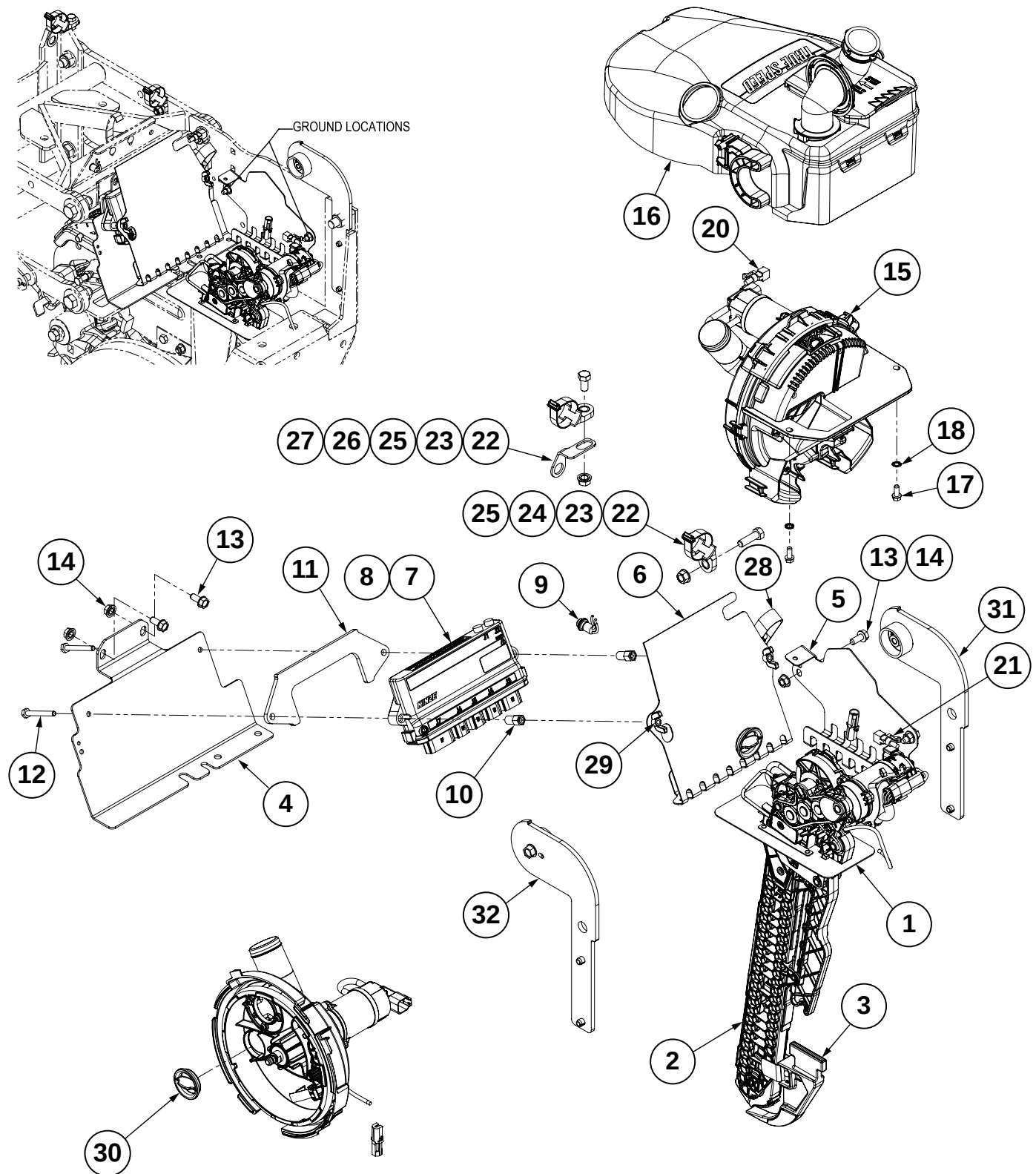


Split Row Blue Drive Push Unit

M0312-02

Model 3605

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "Split Row Push Unit Assembly" on page P62
2	GD29413	1	Hopper Shim (Not used with regular hoppers)
3	GA21450	1	See "Vacuum Seed Meter" on page P28
4	G11009	2	Locking Thumbscrew, 5/16"-18 x 3/4"
5	GB0926	1	Shank Cover
6	GA20914	1	Seed Tube Sensor
7	GD35629	1	IPN Row Unit Plate
8	GA25949	1	IPN Module Assembly
9	GD35609	2	Hex Standoff
10	GD35628	1	IPN Wire Shield, Push Unit
11	G11929	2	Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"
	G10209	2	Washer, 1/4" USS
	G10621	2	Serrated Flange Nut, 1/4"-20
12	GA15485	1	Switch
13	GA25039	1	Row Unit Seed Meter Harness
14	GA25029	1	Row Unit Power Extension Harness
15	GD35449	1	Double Tube Clamp, 1"
16	G10599	1	Carriage Bolt, 3/8"-16 x 1 1/4"
	G10108	1	Lock Nut, 3/8"-16
17	GA25084	1	Meter Wire Guard
18	G11539	2	Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"
	G10620	2	Serrated Flange Nut, 5/16"-18
19	---	-	---
20	---	-	---
21	---	-	---
22	GD36388	1	1" Double Tube Clamp, 1/2" Bolt
23	G10071	1	Serrated Flange Nut, 1/2"-13
	G10037	1	Hex Head Cap Screw, 1/2"-13 X 1 1/4"
	G11389	1	Flat Washer, 1/2" Plated SAE

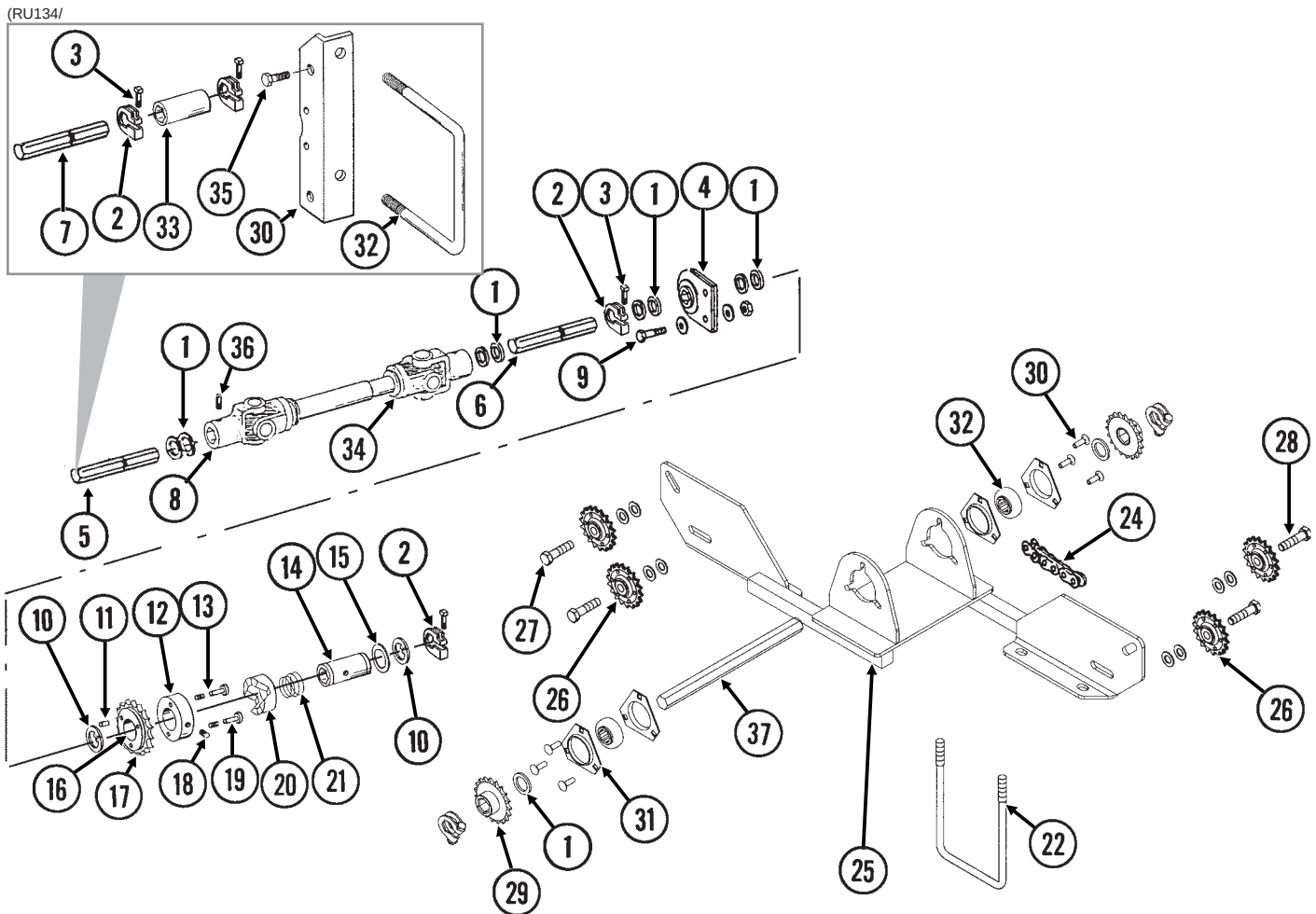


Split Row True Speed Push Unit

M0312-02

Model 3605

ITEM	PART NO.	QTY. (Per Row)	DESCRIPTION
1	---	-	See "Seed Delivery Rail Assembly" on page P47
2	---	-	See "True Speed Seed Delivery System W/Driver" on page P46
3	G10418802	1	Disc Opener Scraper
4	G10617901	1	Push Unit IPN Mount
5	G10267401	1	Wire Tray
6	G10267601	1	IPN Wire Shield, 3000 Series
7	GA25949	1	IPN Module Assembly
8	G7100-616	1	Decal, IPN/IPR M12 Connector O-Ring
9	GA15485	1	Switch
10	GD35609	2	Hex Standoff
11	GD35629	1	IPN RU Mount Plate
12	G11929	2	Hex Head Cap Screw, 1/4"-20 x 2.75", Grade 5
13	G10961	4	Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"
14	G10620	4	Serrated Flange Nut, 5/16"-18
15	---	-	See "True Speed Seed Meter" on page P52
16	---	-	See "True Speed Mini-Hopper" on page P58
17	G10960	2	Hex Non-Serrated Flange Cap Screw, 1/4"-20 x 5/8", Grade 5
18	G11249	2	External Tooth Washer, 1/4"
19	---	-	---
20	G10213601	1	ESD Ground Strap Harness, True Speed
21	G10213602	1	ESD Ground Strap Harness, True Speed
22	G10176901	1	Cable Tie, 1/2" x 12"
23	G10088301	1	Cable Tie Mount, 3/8"
24	G10004	1	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
25	G10622	1	Serrated Flange Nut, 3/8"-16
26	G10320601	1	Cable Tie Bracket Plate
27	G10002	1	Hex Head Cap Screw, 3/8"-16 x 3/4"
28	GD35449	1	Double Tube Clamp, 1"
29	G10531M	2	Wing Nut, 1/4"-20
30	G10230101	1	True Speed Meter Vacuum Plug
31	G10375501	1	Split Row True Speed Hopper Mount
32	G10375401	1	Split Row True Speed Hopper Mount



ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
1	G10233	-	Machine Bushing, 1", 10 Gauge (As Required)
2	GD11045	-	Lock Clamp
3	G10130	-	Square Head Machine Bolt, $\frac{5}{16}$ "-18 x $1\frac{3}{4}$ "
	G10923	-	Flange Nut, $\frac{5}{16}$ "-18, No Serration
4	GA2180	-	Hanger Bearing, $\frac{7}{8}$ " Hex Bore
5	GD0914-99	-	Hex Shaft, $\frac{7}{8}$ " x 99" (No Holes), R.H. Side
	GD0914-60	-	Hex Shaft, $\frac{7}{8}$ " x 60" (No Holes), L.H. Side
6	GD0914-90	-	Hex Shaft, $\frac{7}{8}$ " x 90" (No Holes), R.H. Side
	GD0914-100	-	Hex Shaft, $\frac{7}{8}$ " x 100" (No Holes), L.H. Side
7	GD0914-25	-	Hex Shaft, $\frac{7}{8}$ " x 25" (No Holes), 16 Row W/Even-Row Push Unit
8	GA18276	-	U-Joint W/Grease Fitting, Female, $10\frac{1}{4}$ " Long
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA18276)
	GR2148	-	Inboard and Outer Profile Yoke (Included W/GA18276)
	GR1294	-	Cross And Bearing Kit (Included W/GA18276)
	GR2151	-	Yoke, $\frac{7}{8}$ " Hex (Included W/GA18276)
9	G10004	-	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ "
	G11387	-	Flat Washer, $\frac{3}{8}$ " SAE
	G10229	-	Lock Washer, $\frac{3}{8}$ "
	G10101	-	Hex Nut, $\frac{3}{8}$ "-16
10	G10496	2	External Inverted Snap Ring, $1\frac{1}{2}$ "
11	G10968	1	Spring Pin, $\frac{5}{32}$ " x $\frac{7}{16}$ "
12	GR1405	1	Lock Collar

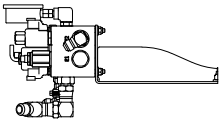
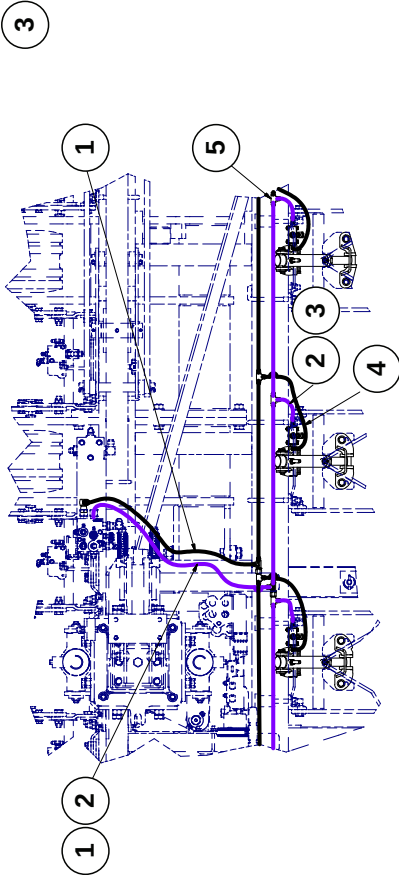
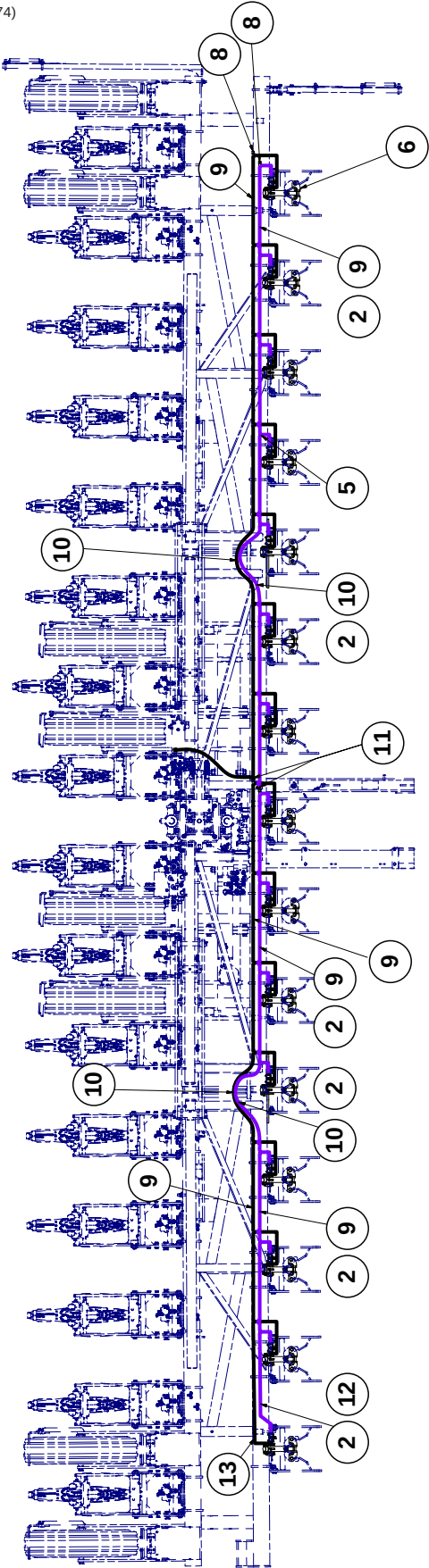
Split Row Push Unit Drive

M0312-02

Model 3605

ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
13	GR1413	1	Spring
14	GR1407	1	Drive Shaft
15	GR1411	1	Shim
16	GR1406	1	Bushing
17	GR1412	1	Sprocket, 19 Tooth
18	G10535	1	Hex Socket Set Screw, 3/8"-16 x 3/4"
19	GR1410	1	Pin
20	GR1409	1	Knurled Collar
21	GR1408	1	Compression Spring
22	GD8306	2	U-Bolt, 7" x 5" x 1/2"-13
	G10228	4	Lock Washer, 1/2"
	G10102	4	Hex Nut, 1/2"-13
23	---	-	---
24	G3310-122	1	Chain, No. 40, 122 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
25	GA24371	1	L.H. Crossover
	GA24372	-	R.H. Crossover
26	GA7154	4	Sprocket W/Bearing, 18 Tooth
27	G10016	4	Hex Head Cap Screw, 1/2"-13 x 2"
	G11389	8	Flat Washer, 1/2" SAE
	G10228	4	Lock Washer, 1/2"
	G10102	4	Hex Nut, 1/2"-13
28	G10016	2	Hex Head Cap Screw, 1/2"-13 x 2"
	G11389	2	Flat Washer, 1/2" SAE
	G10228	2	Lock Washer, 1/2"
	G10102	2	Hex Nut, 1/2"-13
29	GA5107	-	Sprocket, 19 Tooth
30	G10303	-	Carriage Bolt, 5/16"-18 x 1"
	G11386	-	Flat Washer, 5/16" SAE
	G10109	-	Lock Nut, 5/16"-18
31	G3400-01	-	Flangette
32	G2100-03	-	Bearing, 7/8" Hex Bore, Spherical
33	GD1719	-	Coupler, 4"
34	GA18275	1	U-Joint Assembly w/Set Screw
	GR1557	-	Grease Fitting, 45°, Metric (Included W/GA18275)
	GR2147	-	Inner Profile (Included W/GA18275)
	GR1295	-	Inboard Yoke (Included W/GA18275)
	GR1301	-	Spring Pin, 8 mm x 50 mm (Included W/GA18275)
	GR1294	-	Cross And Bearing Kit (Included W/GA18275)
	GR2151	-	Yoke, 7/8" Hex (Included W/GA18275)
35	G10752	-	Hex Head Cap Screw, 5/8"-18 x 2 1/4"
	G11391	-	Flat Washer, 5/8" SAE
	G10412	-	Lock Nut, 5/8"-18
36	G10120	4	Hex Socket Set Screw, 3/8"-16 x 1/2"
37	GD0914-12.5	-	Hex Shaft, 7/8" x 12 1/2"
A	GA8092	-	Clutch Sprocket Assembly, 19 Tooth (Items 10-21)
B	G1K269	-	Lock Clamp Kit (Items 2 and 3)
C	G1K331	-	Clutch Sprocket Kit (Items 11, 16, and 17)

(100974)



Hydraulic Downforce
Manifold Block

Split Row Hydraulic Downforce Hoses and Fittings, 16 Row

M0312-02

Model 3605

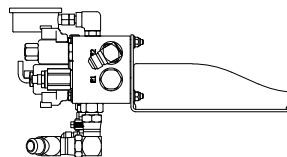
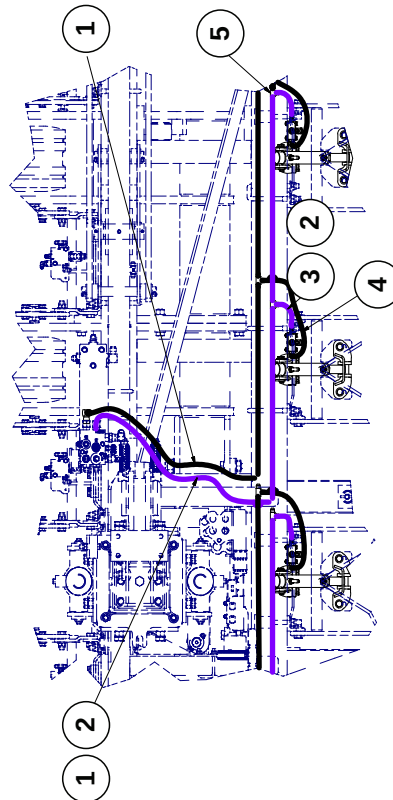
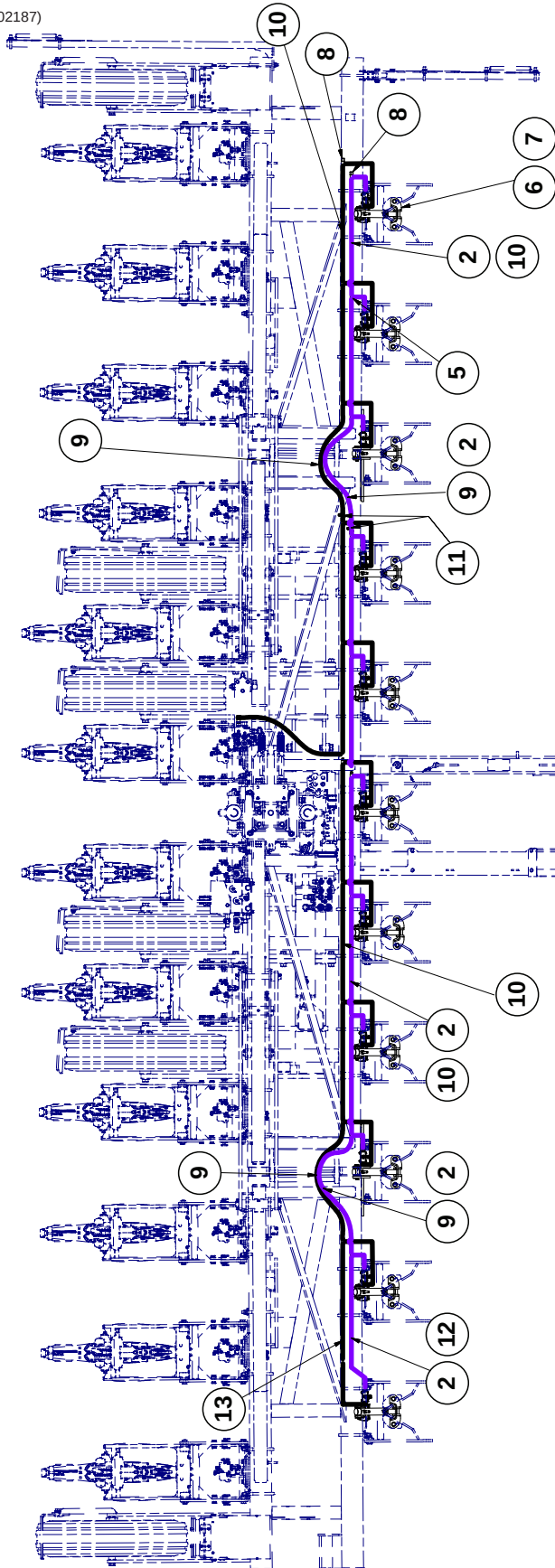
ITEM	PART NO.	QTY.	DESCRIPTION
1	*A25690-48	2	Hose Assembly, 3/8" x 48" (06F-08F STD 90°)
2	GD35904-01	58	Shrink Tube, Purple PP
3	*A7680-11	14	Hose Assembly, 1/4" x 11" (04F-06F)
4	*A7682-11	14	Hose Assembly, 1/4" x 11" (04L90F-06F)
5	G2603-06	28	Tee, 9/16"-18 Male JIC
6	GA27146	15	Link, True Depth II
7	---	-	---
8	G304-C-06	2	Cap Nut, 9/16"-18
9	*A12038	22	Hose Assembly, 3/8" x 30" (06F-06F)
10	*A15081-36	4	Hose Assembly, 3/8" x 365" (06F - 06F)
11	G6602-06	2	Swivel Tee, 9/16"-18 JIC
12	*A7680-35	1	Hose Assembly, 1/4" X 35" (04F 90S-06F)
13	*A7682-35	1	Hose Assembly, 1/4" x 35" (04L90F-06F)

Split Row Hydraulic Downforce Hoses and Fittings, 12 Row

Model 3605

M0312-02

(102187)



Hydraulic Downforce
Manifold Block

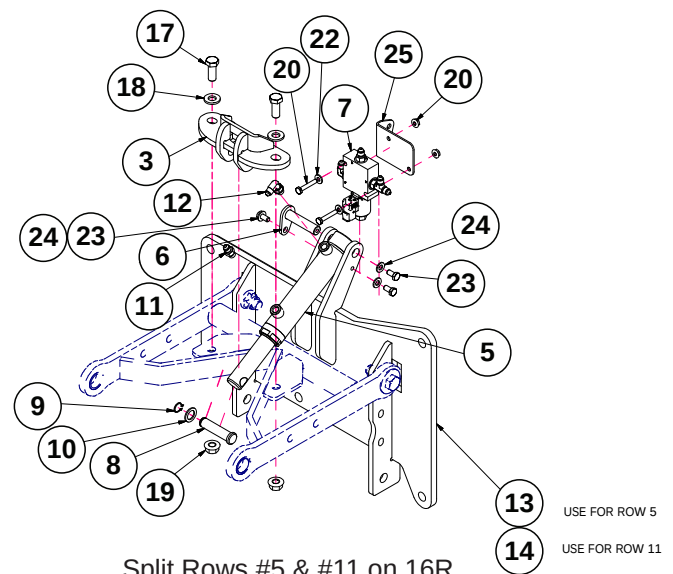
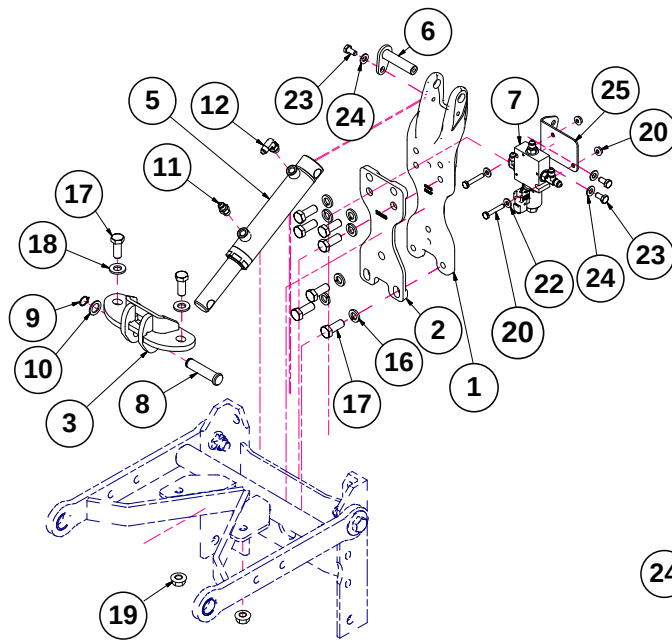
Split Row Hydraulic Downforce Hoses and Fittings, 12 Row

M0312-02

Model 3605

ITEM	PART NO.	QTY.	DESCRIPTION
1	*A25690-48	2	Hose Assembly, 3/8" x 48" (06F-08F STD 90°)
2	GD35904-01	44	Shrink Tube, Purple PP
3	*A7680-11	10	Hose Assembly, 1/4" x 11" (04F-06F)
4	*A7682-11	10	Hose Assembly, 1/4" x 11" (04L90F-06F)
5	G2603-06	20	Tee, 9/16"-18 Male JIC
6	GA27146	11	Link, True Depth II
7	---	-	---
8	G304-C-06	2	Cap Nut, 9/16"-18
9	*A15081-36	4	Hose Assembly, 3/8" x 365" (06F - 06F)
10	*A12038	14	Hose Assembly, 3/8" x 30" (06F-06F)
11	G6602-06	2	Swivel Tee, 9/16"-18 JIC
12	*A7680-35	1	Hose Assembly, 1/4" X 35" (04F 90S-06F)
13	*A7682-35	1	Hose Assembly, 1/4" x 35" (04L90F-06F)

(10097401)



Split Rows #5 & #11 on 16R
Split Rows #3 & #9 on 12R

Split Row Hydraulic Downforce

M0312-02

Model 3605

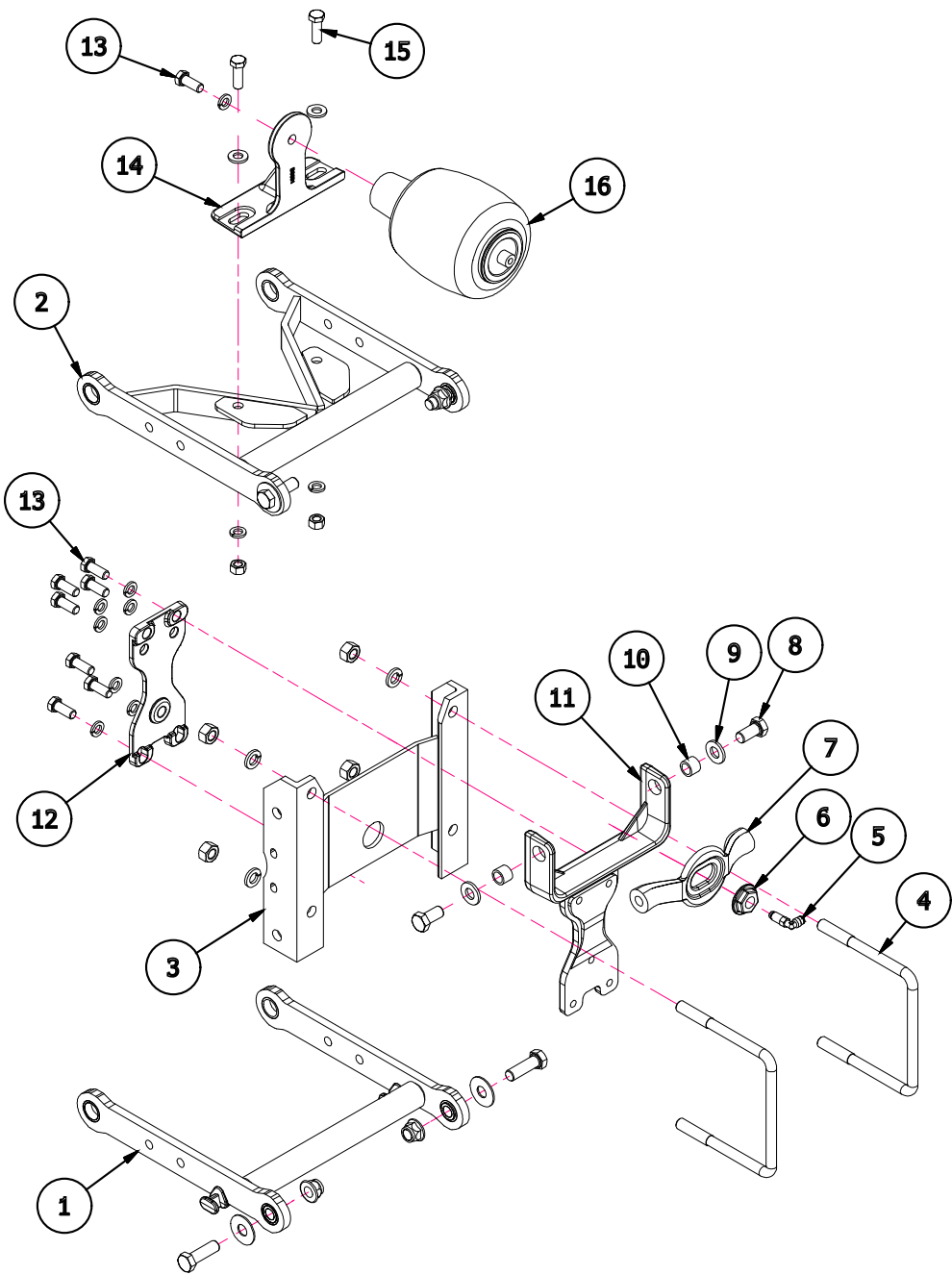
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD35211	-	Downforce Cylinder Mount
2	GB0389	-	Plate
3	GA25240	-	Rod Mount
4	---	-	---
5	GA25261	-	See "Hydraulic Down Force Cylinder" on page P181
6	GA25384	-	Hammer Strap Pin
7	GA25265	-	See "Row Unit Control Blocks" on page P207
8	GD26970	-	Pin, 5/8" x 2-1/2"
9	G10567	-	External Retaining Ring, 5/8"
10	G10918	-	Machine Bushing, 5/8", 14 Gauge (.0747")
11	G6400-04	-	Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring
12	G6801-04-04	-	90° Adjustable Elbow, 7/16"-20
13	G10184801	-	Offset Hinge Mount Plate
14	G10184901	-	Offset Hinge Mount Plate
15	---	-	---
16	G10228	-	Lock Washer, 1/2"
17	G10017	-	Hex Head Cap Screw, 1/2"-13 x 1/2"
18	G11389	-	Flat Washer, 1/2" Plated SAE
19	G10071	-	Serrated Flange Nut, 1/2"-13
20	G10621	-	Serrated Flange Nut, 1/4"-20
21	G10021	-	Hex Head Cap Screw, 1/4"-20 x 1 1/2"
22	G11385	-	Flat Washer, 1/4" SAE
23	G10018	-	Hex Head Cap Screw, 5/16"-18 x 5/8"
24	G11386	-	Flat Washer, 5/16" SAE
25	G10291001	-	Extended Block L.H. Mount

Push Row Unit Pneumatic Downpressure

Model 3605

M0312-02

(IP1641)



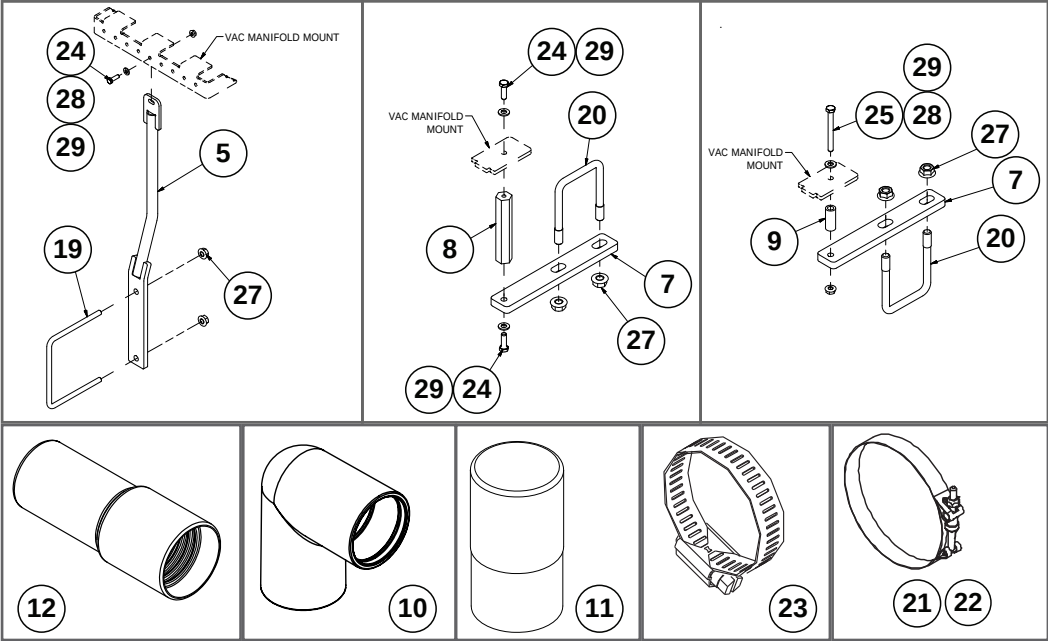
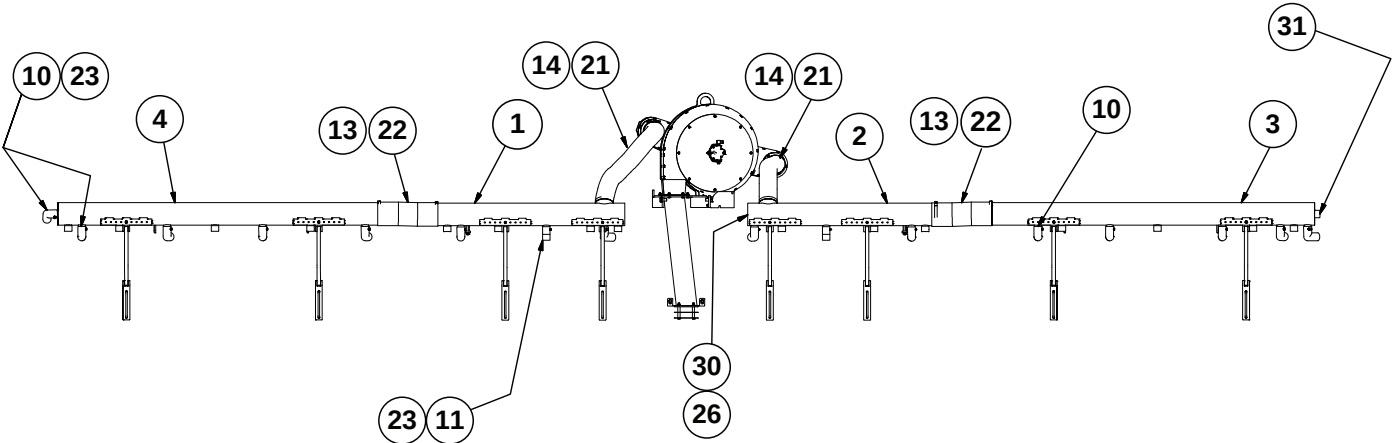
Push Row Unit Pneumatic Downpressure

M0312-02

Model 3605

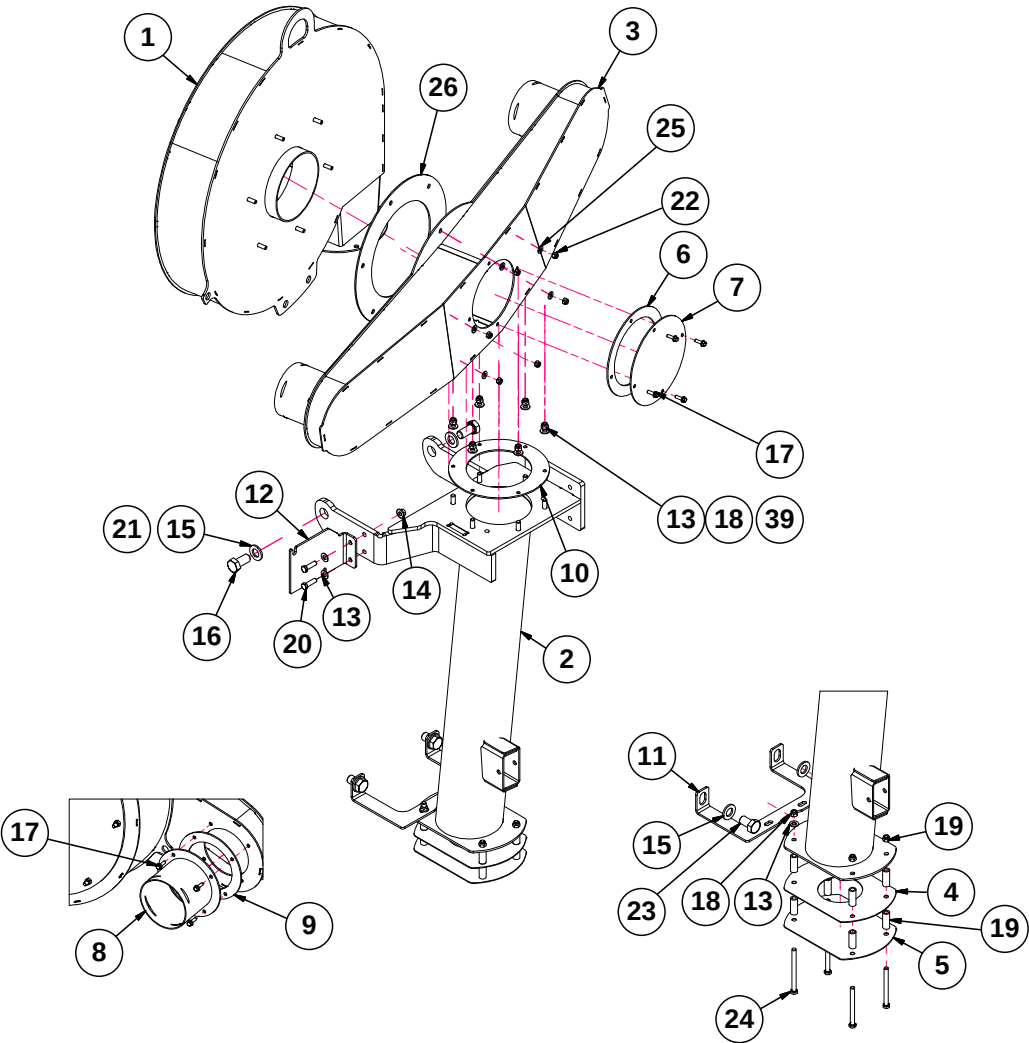
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Split Row Push Unit Assembly" on page P62
2	---	-	See "Split Row Push Unit Assembly" on page P62
3	GA11971	1	Mount Plate
4	GD1113	2	U-Bolt, 4" x 7" x 1/2"-13
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
5	GD18011	1	Elbow, 3/8" x 1/8" NPT Extended
6	GB0397	1	Shoulder Nut, 3/4"-16
7	GB0392	1	Yoke
8	G11018	2	Hex Head Cap Screw, 5/8"-18 x 1 1/4"
9	G11391	2	Flat Washer, 5/8" SAE
10	GD3180-30	2	Sleeve, 7/8" O.D. x 5/8" I.D. x 21/32"
11	GB0390	1	Yoke Mount
12	GB0389	1	Plate
13	G10037	8	Hex Head Cap Screw, 1/2"-13 X 1 1/4"
	G10228	10	Lock Washer, 1/2"
14	GB0391	1	Mount
15	G10017	2	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
	G11389	2	Flat Washer, 1/2" Plated SAE
	G10102	2	Hex Nut, 1/2"-13
16	GA11982	1	Air Spring Assembly

(103230)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10174801	1	Vacuum Manifold, Inner R.H.
2	G10174901	1	Vacuum Manifold, Inner L.H.
3	G10175101	1	Vacuum Manifold, Outer L.H., 16R
	G10175901	1	Vacuum Manifold, Outer L.H., 12R
4	G10175001	1	Vacuum Manifold, Outer R.H., 16R
	G10175801	1	Vacuum Manifold, Outer R.H., 12R
5	G10117601	8	Mainframe Manifold Mount
6	---	-	---
7	GD20722	6	Wing Manifold Mount
8	GD26706	2	Tapped Hex Spacer
9	GD2971-21	4	Sleeve, 5/8" x .385" x 1-1/2"
10	GB1313	-	Elbow, 90°, 1.5"
11	GD31424	2	Screw Cuff, 2"
12	GB1216	-	Screw Cuff, 1.5" (True Rate)
	GB1249	-	Screw Cuff, 1.5" (True Speed)
13	GD16317-01	2	Hose, 7" x 21"
14	GD15867-04	2	Hose, 5" x 42"
15	---	-	---
16	---	-	---
17	---	-	---
18	---	-	---
19	GD11721	8	U-Bolt, 5" x 7" x 1/2"-13
20	GD4743	6	U-Bolt, 3" x 3" x 1/2"-13
21	G11188	4	T-Bolt Clamp, 5 1/4"
22	G11146	4	T-Bolt Clamp, 6 3/4"
23	G10676	-	Hose Clamp, No. 36, Stainless Steel
24	G10019	12	Hex Head Cap Screw, 5/16"-18 x 1"
25	G10755	4	Hex Head Cap Screw, 5/16"-18 x 3"
26	G10034	1	Hex Head Cap Screw, 3/8"-16 x 1/2"
27	G10071	28	Serrated Flange Nut, 1/2"-13
28	G10620	12	Serrated Flange Nut, 5/16"-18
29	G11386	16	Flat Washer, 5/16" SAE
30	G11387	1	Flat Washer, 3/8" SAE
31	G11147	-	Cap, 2"

(IP1234-5/A11156/GR1736/A10765/10365401)



Sending Unit

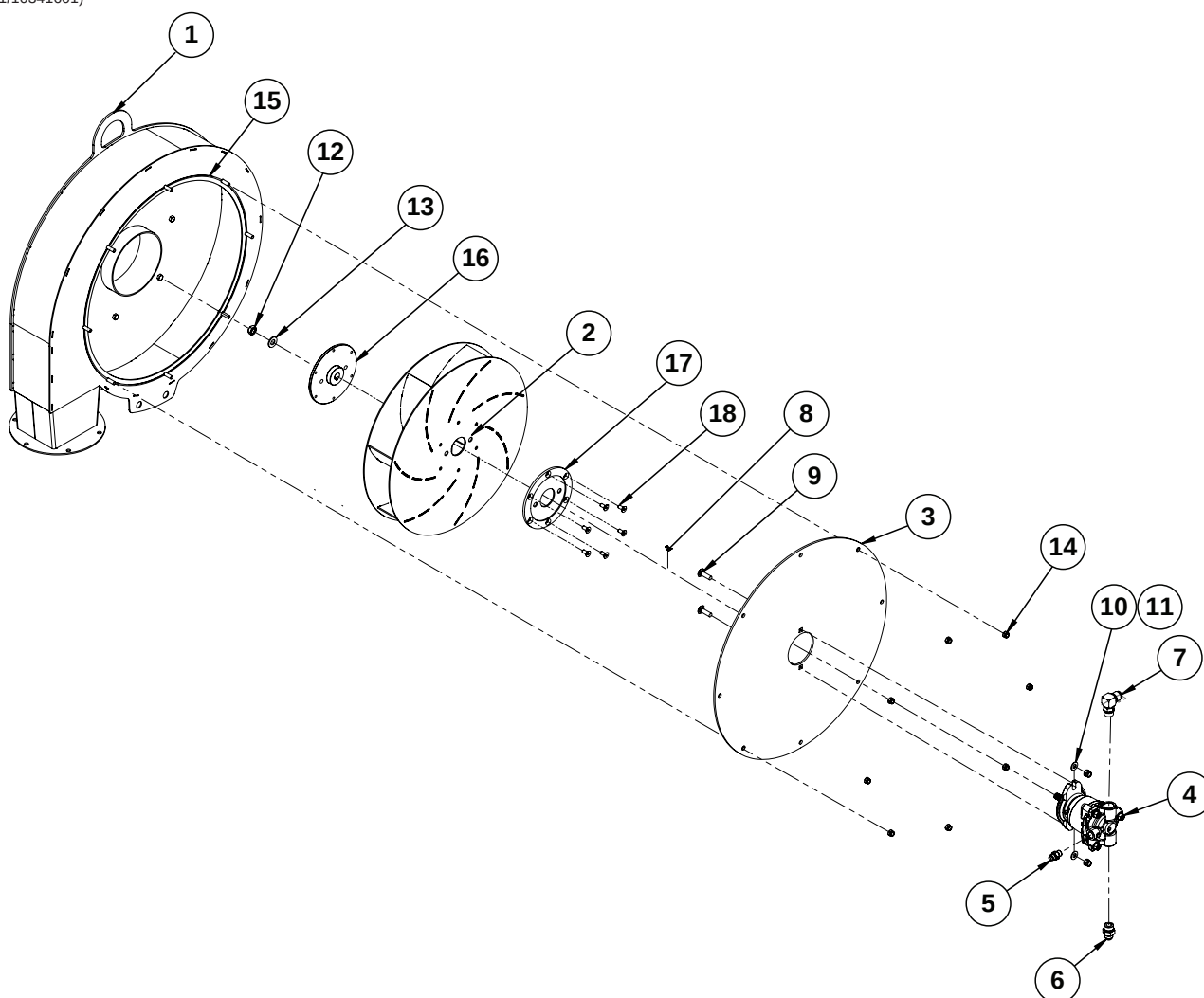
The Sending Unit assembly consists of a rectangular unit (35) connected to a cable (36) which terminates in a connector (37). A separate cable (34) is also shown with a multi-pin connector.

Analog Gauge

The Analog Gauge assembly includes a circular gauge (27) mounted on a bracket (28). Various fasteners and components are labeled: 29 (screws), 30 (rod), 31 (nut), and 32 (washer). An inset shows the gauge mounted on a GCD Mount (33) with a pressure gauge (38).

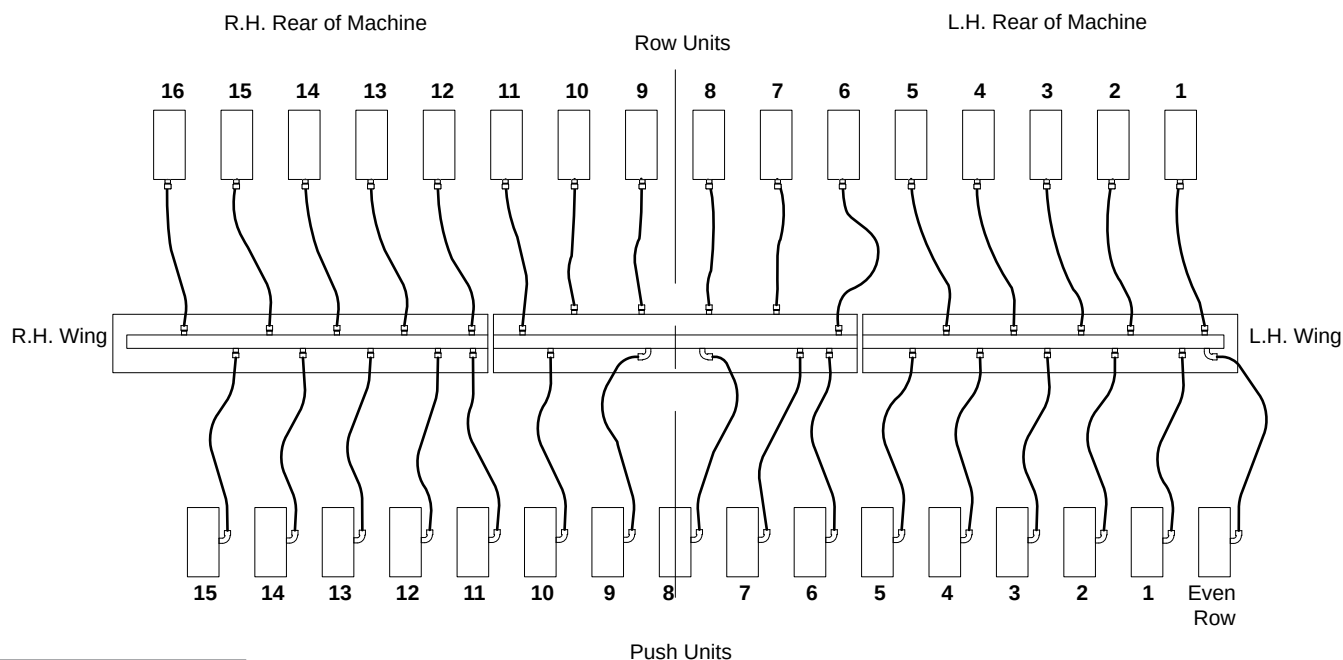
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Vacuum Fan Assembly" on page P86
2	G10364801	1	Vacuum Fan Mount
3	G10225101	1	Snorkel
4	G10188801	1	Ring Diffuser
5	G10188701	1	Cap Diffuser
6	GD19470	1	Flange Seal, 4 Bolt
7	GD19469	1	Snorkel Access Cover
8	GA13667	2	Snorkel Flange
9	GD19460	2	Flange Seal, 4 Bolt
10	G10083301	1	Flange Seal, 6 Bolt
11	G10244501	1	Diffuser Mount Bracket
12	G10307901	1	Hydraulic Block Mount
13	G11387	10	Flat Washer, 3/8" SAE
14	G11091	2	Serrated Flange Nut, 3/8"-16
15	G11392	4	Flat Washer, 3/4" SAE
16	G10025	2	Hex Head Cap Screw, 3/4"-10 x 1 1/2"
17	G11166	12	Hex Socket Flange Cap Screw, 1/4"-20 x 3/4"
18	G10108	10	Lock Nut, 3/8"-16
19	GD2971-26	8	Sleeve, 3/8" I.D x 5/8" O.D. x 1.63" Long
20	G10004	8	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
21	GD20539	2	Bushing
22	G10109	6	Lock Nut, 5/16"-18, Grade 8
23	G10156	2	Hex Head Cap Screw, 3/4"-10 x 1 1/4"
24	G10753	4	Hex Head Cap Screw, 3/8"-16 x 4 1/2"
25	G11386	6	Flat Washer, 5/16" SAE
26	G10117801	1	Gasket Spacer
27	GA21406	1	Pressure Gauge W/Hose Barb
	GR1777	-	Hose Barb, 3/16" x 1/8" NPT
28	GD15804	1	Mount
	G10108	1	Lock Nut, 3/8"-16
	G10004	1	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
29	G11215	3	Hex Socket Head Cap Screw, No. 6-32 x 3/8", Grade 8
30	GD15849-02	1	Clear Tubing, 5/16" O.D. x 3/16" I.D. x 120"
31	GR1777	-	Hose Barb, 1/8" Male NPT To 3/16" Barb
32	GA10799	1	Breather, 1/8" Male NPT
33	G10437701	1	Pressure Gauge Mount
34	GA12812	-	Hall Effect Adapter
35	GA14847	1	Low Pressure Sensor (0-40 IN H ₂ O) (Replaces GA12811)
	GD17151-20	-	Tubing, 1/4" x 10', (Only with GA14847)
	GD16324-01	-	Clear Plastic Tubing, 1/4" x 45"
	GA9964	-	Strain Relief
	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
36	GR1736	1	Hose Barb, 1/8" Male NPT To Barb
37	GD21278	-	Reducing Tee, 3/16" x 1/8"
38	G10041	2	Hex Head Cap Screw, 5/16"-18 x 2"
	G10620	2	Serrated Flange Nut, 5/16"-18
39	G10776	6	Hex Head Cap Screw, 3/8"-16 x 1 1/4"

(10341501/10341601)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10341401	1	Vacuum Fan Housing
2	G10341101	1	Vacuum Fan Impellor
3	G10341001	1	Motor Mount Cover
4	GA24543	1	Hydraulic Motor
	GR2333	-	Seal Kit
5	G6400-06-VT	1	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
6	G6400-08-10	1	Connector W/O-Ring, 3/4"-16 Male JIC To 7/8"-14 O-Ring
	GR1466	-	O-Ring
7	G6801-10	1	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
8	GR2314	1	Key
9	G10599	2	Carriage Bolt, 3/8"-16 x 1 1/4"
10	G10901	2	Lock Nut, 3/8"-16
11	G11387	2	Hardened 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	GD27215	1	Silicone Sealer, Dow Corning 732, Clear
16	GD35847	1	Impellor Hub
17	G10234201	1	Backing Plate
18	G11133		Hex Socket Head Cap Screw, 5/16"-18 x 3/4", Grade 8

(IP1109/103230)

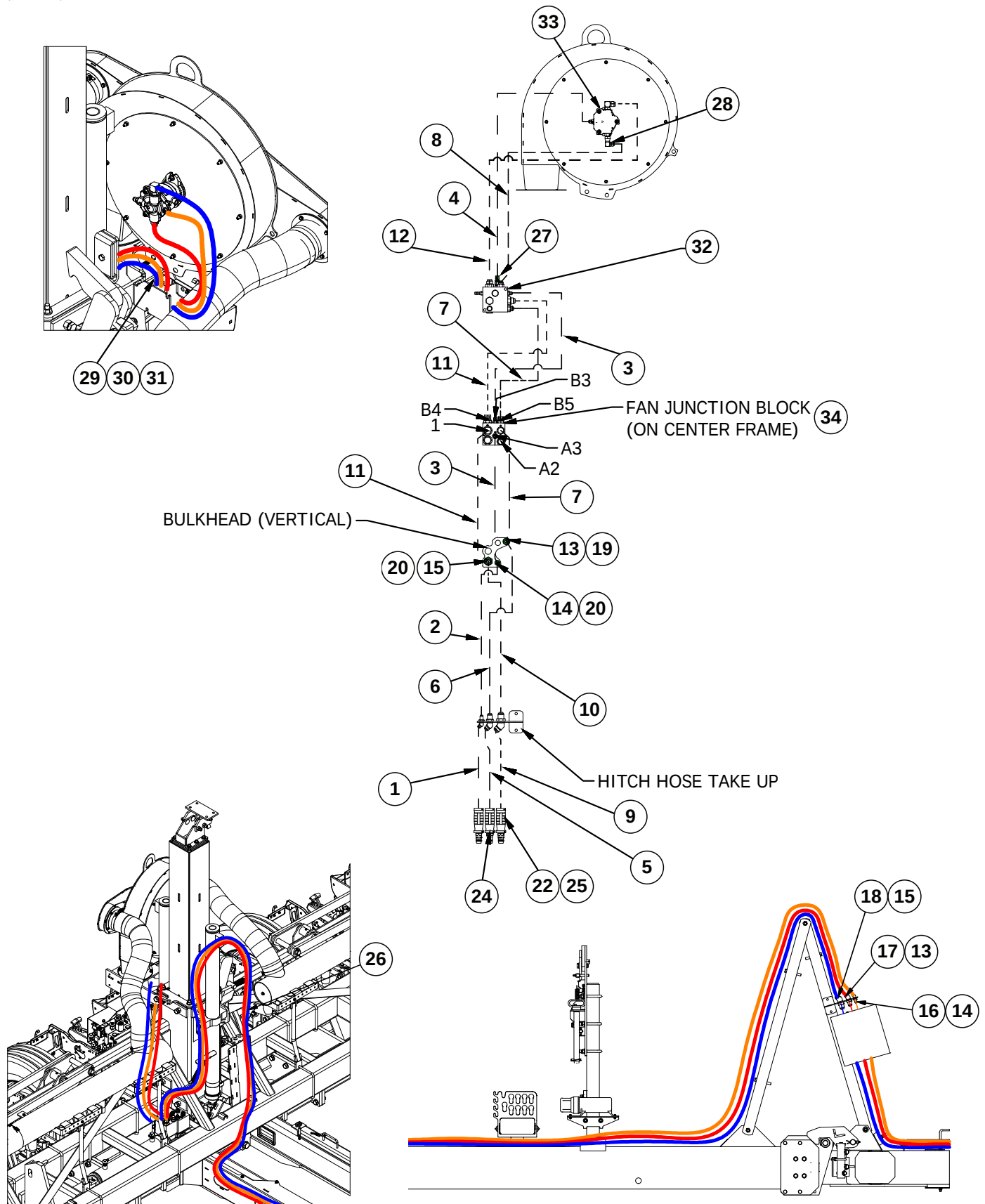
16 Row Shown, 12 Row does not use outside two rows.**ROW UNITS**

ROW#	PART NO.	DESCRIPTION
1	*GD36495-70	Vacuum Hose, 1-1/2" I.D. x 70"
2	*GD36495-46	Vacuum Hose, 1-1/2" I.D. x 46"
3	*GD36495-46	Vacuum Hose, 1-1/2" I.D. x 46"
4	*GD36495-46	Vacuum Hose, 1-1/2" I.D. x 46"
5	*GD36495-46	Vacuum Hose, 1-1/2" I.D. x 46"
6	*GD36495-50	Vacuum Hose, 1-1/2" I.D. x 50"
7	*GD36495-55	Vacuum Hose, 1-1/2" I.D. x 55"
8	*GD36495-50	Vacuum Hose, 1-1/2" I.D. x 50"
9	*GD36495-50	Vacuum Hose, 1-1/2" I.D. x 50"

PUSH UNITS

ROW#	PART NO.	DESCRIPTION
1	*GD36495-46	Vacuum Hose, 1-1/2" I.D. x 46"
2	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
3	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
4	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
5	*GD36495-46	Vacuum Hose, 1-1/2" I.D. x 46"
6	*GD36495-42	Vacuum Hose, 1-1/2" I.D. x 42"
7	*GD36495-42	Vacuum Hose, 1-1/2" I.D. x 42"
8	*GD36495-70	Vacuum Hose, 1-1/2" I.D. x 70"
9	*GD36495-50	Vacuum Hose, 1-1/2" I.D. x 50"
10	*GD36495-42	Vacuum Hose, 1-1/2" I.D. x 42"
11	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
12	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
13	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
14	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
15	*GD36495-36	Vacuum Hose, 1-1/2" I.D. x 36"
Even row	*GD36495-70	Vacuum Hose, 1-1/2" I.D. x 70"
*Orderable in bulk as GD36495-600 (600").		

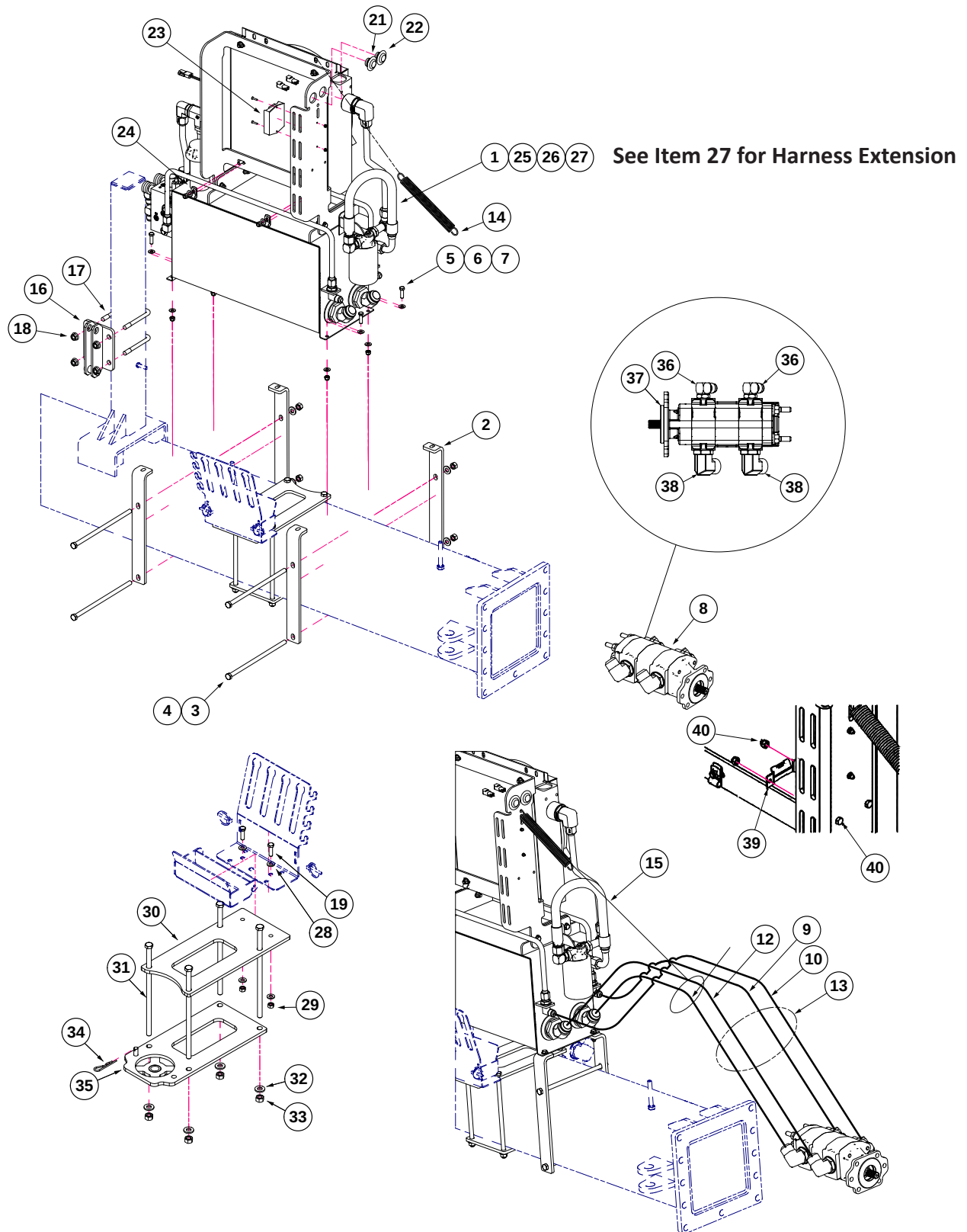
(10188301)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A26938-250	1	Hose Assembly, 3/8" x 250" (08F - 1/2 Male NPTF), W/Extension, W/Tip, 16 Row
	*A26938-237	1	Hose Assembly, 3/8" x 237" (08F - 1/2 Male NPTF), W/Extension, W/Tip, 12 Row
2	*A12096	1	Hose Assembly, 3/8" x 140" (06F - 06F), 16 Row
	*A15064	1	Hose Assembly, 3/8" x 130" (F - 06F), 12 Row
3	*A12094	2	Hose Assembly, 3/8" x 73" (06F - 06F)
4	*A12002	1	Hose Assembly, 3/8" x 32" (06F - 06F)
5	*A18693-250	1	Hose Assembly, 1/2" x 250" (10F - 1/2 Male NPTF), W/Extension, W/Tip, 16 Row
	*A18693-237	1	Hose Assembly, 1/2" x 237" (10F - 1/2 Male NPTF), W/Extension, W/Tip, 12 Row
6	*A12751	1	Hose Assembly, 1/2" x 142 1/2" (10F-10F), 16 Row
	*A1478	1	Hose Assembly, 1/2" x 128" (10F-10F), 12 Row
7	*A1464	2	Hose Assembly, 1/2" x 72" (10F-10F)
8	*A12745	1	Hose Assembly, 1/2" x 22" (08F-10F)
9	*A21548-250	1	Hose Assembly, 5/8" x 250" (12F - 1/2 Male NPTF), W/Extension, W/Tip, 16 Row
	*A21548-237	1	Hose Assembly, 5/8" x 237" (12F - 1/2 Male NPTF), W/Extension, W/Tip, 12 Row
10	*A11442	1	Hose Assembly, 5/8" x 137 1/2" (12F-12F), 16 Row
	*A11459	1	Hose Assembly, 5/8" x 123" (12F-12F), 12 Row
11	*A11443	2	Hose Assembly, 5/8" x 73" (12F-12F)
12	*A21541-28	1	Hose Assembly, 5/8" x 28" (10F - 12F)
13	G306-10	2	Lock Nut, 7/8"-14
14	G306-06	2	Lock Nut, 9/16"-18
15	G306-12	2	Lock Nut, 1 1/16"-12
16	G2702-06	1	Bulkhead Elbow, 45°, 9/16"-18 Male JIC
17	G2702-10	1	Bulkhead Elbow, 45°, 7/8"-14 Male JIC
18	G2702-12	1	45° Bulkhead Tube Union, 11/16"-12 Male JIC
19	G2700-10	1	Bulkhead Tube Union, 7/8"-14 Male JIC
20	G2700-06-06	1	Bulkhead Tube Union, 9/16"-18 Male JIC
21	G2700-12	1	Bulkhead Tube Union, 1 1/16"-12 Male JIC
22	GD25522	1	Hydraulic Tip Cover
23	---	-	---
24	GA26924-05		Hose Label Cover Assembly, Green Extend
25	GA26924-06		Hose Label Cover Assembly, Green Retract
26	GD19383-03	1	Hose Wrap, 60"
27	G6500-06	1	Swivel Elbow, 90°, 9/16"-18 Male JIC To Female
28	G6500-08	1	Swivel Elbow, 90°, 3/4"-16 Male JIC To Female
29	G2408-06	2	Plug, 9/16"-18 JIC
30	G2408-10	2	Plug, 7/8"-14 JIC
31	G2408-12	2	Plug, 1 1/16"-12 JIC
32	---	-	See "Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly), Ground Contact Drive" on page P192 See "Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly), Blue Drive" on page P193
33	---	-	See "Vacuum Fan Assembly" on page P86
34	---	-	See "Valve Blocks - Located on R.H. Rear Center Frame" on page P184

* Hydraulic hose is not stocked by Kinze Repair Parts.

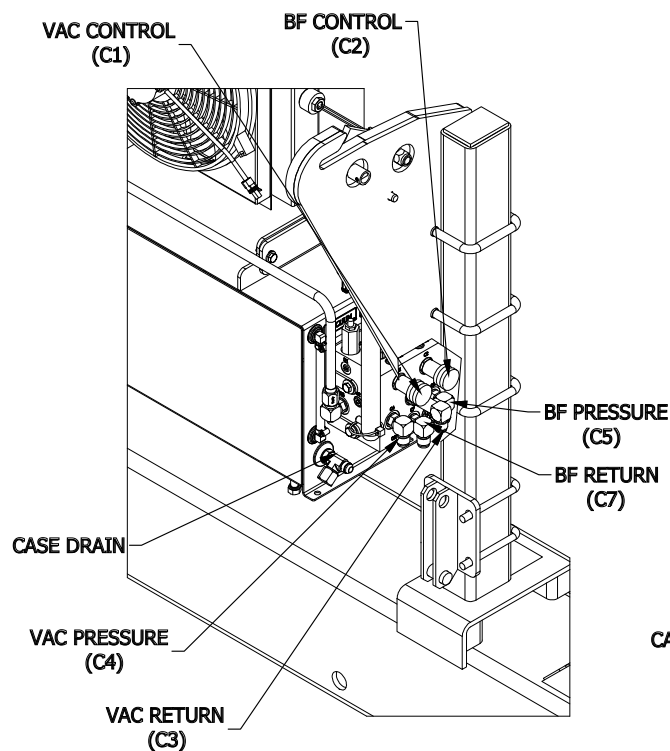
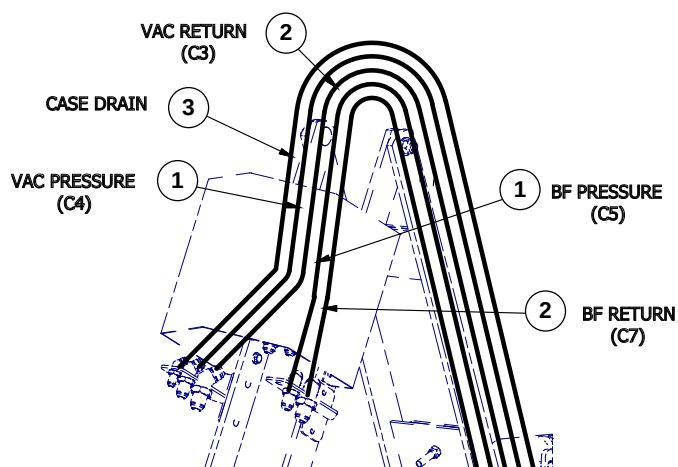
(103851/103387/103372)



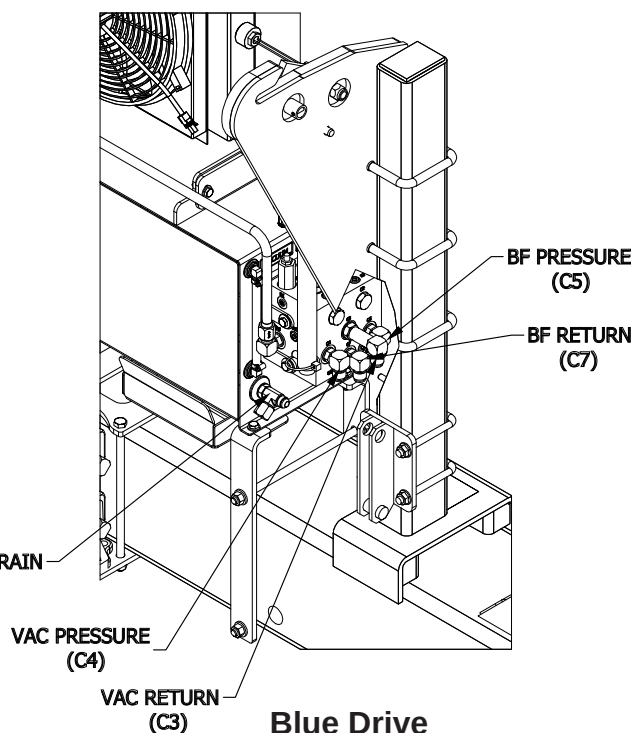
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Dual Stage PTO Oil Reservoir Assembly" on page P96
2	G10216901	4	PTO Tank Mount Bracket
3	G11158	4	Hex Head Cap Screw, 1/2"-13 x 11 1/2"
4	G10102	4	Hex Nut, 1/2"-13
5	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
6	G11387	8	Flat Washer, 3/8" SAE
7	G10108	4	Lock Nut, 3/8"-16
8	G10288501	1	PTO Pump W/Fittings
9	*A25707-68	1	Hose Assembly, 1/2" AR x 68" (10F45 - 12F)
10	*A25707-72	1	Hose Assembly, 1/2" AR x 72" (10F45 - 12F)
11	*A11810-68	1	Hose Assembly, 1" x 68 (20F - 20F)
12	*A11810-72	1	Hose Assembly, 1" x 72" (20F - 20F)
13	GD19383-03	1	Hose Wrap, 60"
14	GD0829	1	Spring
15	GA14152	1	Hose Strap
16	GA11528	1	Bracket
17	GD16642	2	U-Bolt, 3" x 4" x 1/2"-13
18	G10071	4	Serrated Flange Nut, 1/2"-13
19	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
20	G11389	4	Flat Washer, 1/2" Plated SAE
21	G10098401	1	PTO Red Light Harness
22	G10098301	1	PTO Green Light Harness
23	G10396901	1	Reverser Module
24	GD6291	2	Insulated Clamp, 3/8"
25	G10049501	1	Tractor Battery Connection Harness and Fuse Kit
26	G10724901	1	Tractor Power Harness
27	G10649801	1	PTO Harness
	G10737701	-	PTO Harness Extension (for articulated tractors)
28	G11387	4	Hardened Washer, 3/8" SAE
29	G10101	2	Hex Nut, 3/8"-16
30	G10337601	1	PTO Pump Mount Top Plate
31	G11158	4	Hex Head Cap Screw, 1/2"-13 x 11 1/2"
32	G11389	4	Flat Washer, 1/2" Plated SAE
33	G10102	4	Hex Nut, 1/2"-13
34	G10592	1	Hair Pin Clip, No. 11
35	G10337301	1	PTO Pump Mount Lower Plate
36	G6801-12	2	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring
37	G10285701	1	Gear Pump, 3.45 in ³
38	G6801-20	2	Elbow W/O-Ring, 90°, 1 5/8"-12 Male JIC To O-Ring
39	G10567801	1	Relay Module Mount Bracket
40	G10110	2	Lock Nut, 1/4"-20, Grade B
41	G10023	2	Hex Head Cap Screw, 1/4"-20 x 3/4"

* Hydraulic hose is not stocked by Kinze Repair Parts.

(103363)



Ground Contact Drive



Blue Drive

ITEM	PART NO.	QTY.	DESCRIPTION
1	*A18666-90	2	Hose Assembly, 1/2" x 90" (10F - 10F), 12 Row
	*A18666-130	2	Hose Assembly, 1/2" x 130" (10F - 10F), 16 Row
2	*A25487-90	2	Hose Assembly, 5/8" x 90" (10F - 12F), 12 Row
	*A25487-130	2	Hose Assembly, 5/8" x 130" (10F - 12F), 16 Row
3	*A15092-90	1	Hose Assembly, 3/8" x 90" (06F - 08F), 12 Row
	*A15092-130	1	Hose Assembly, 3/8" x 130" (06F - 08F), 16 Row

* Hydraulic hose is not stocked by Kinze Repair Parts.

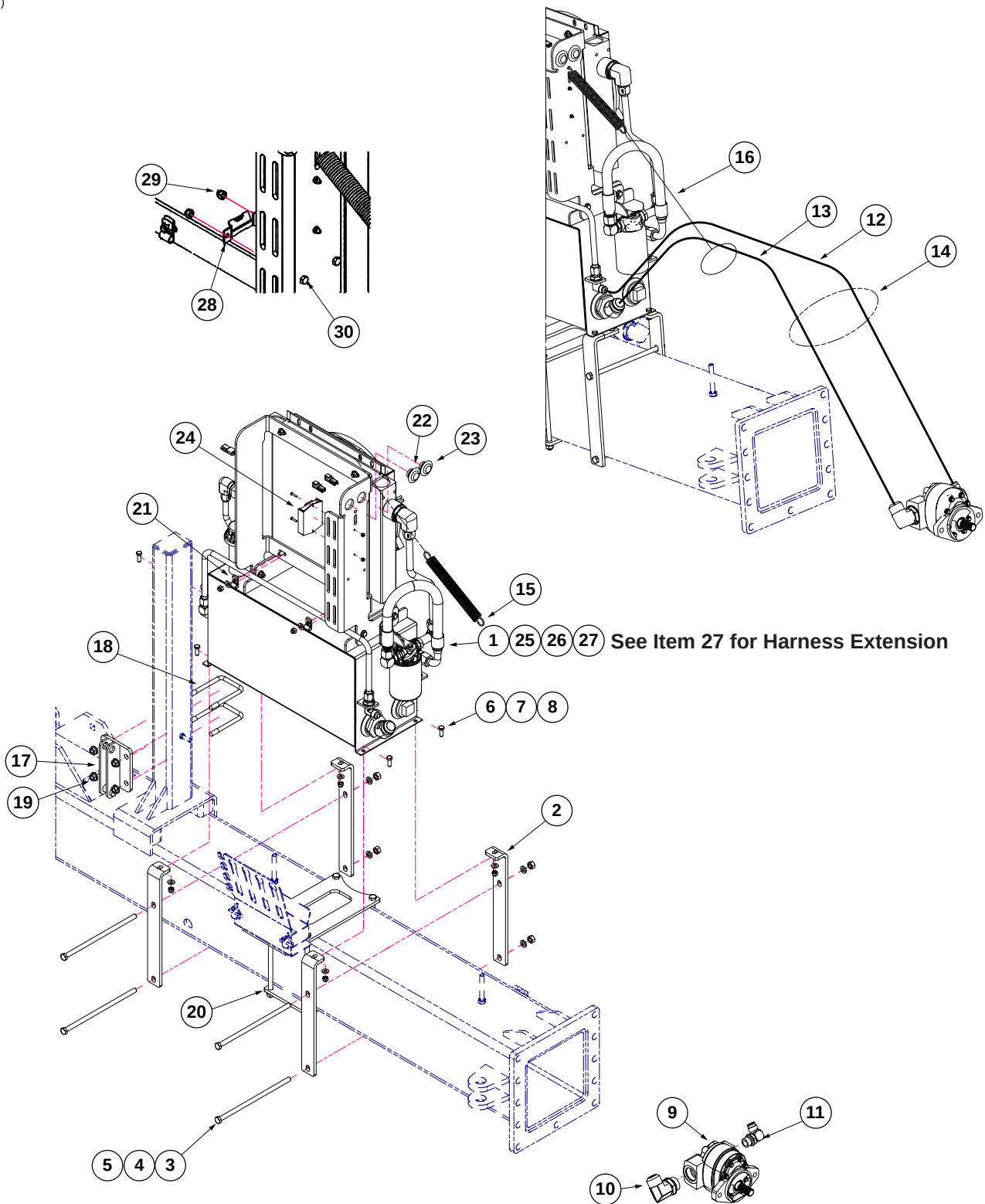
This page left blank intentionally.

Single Stage PTO Pump, Oil Cooler & Reservoir

Model 3605

M0312-02

(103850)



Single Stage PTO Pump, Oil Cooler & Reservoir

M0312-02

Model 3605

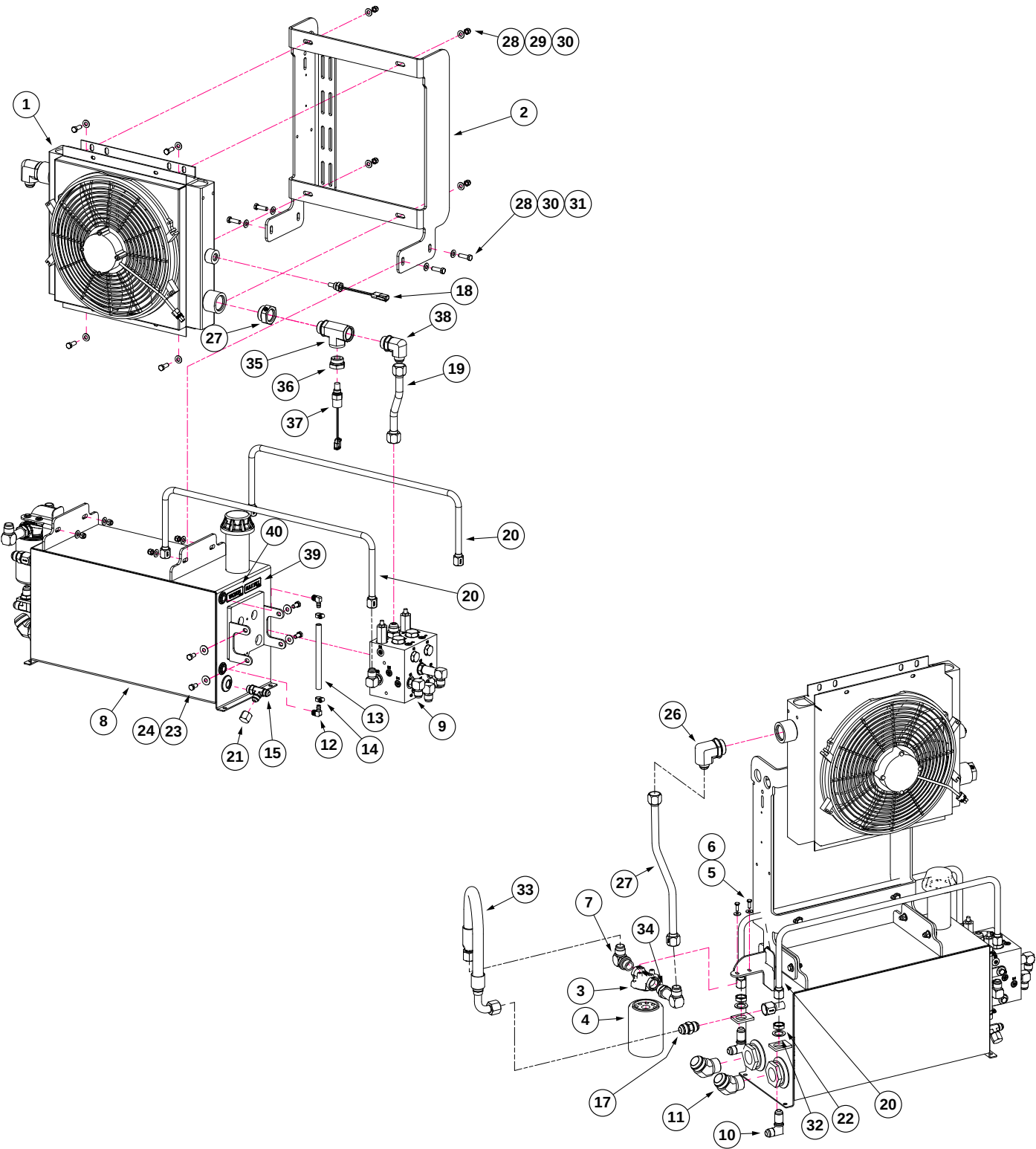
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Single Stage PTO Oil Reservoir Assembly" on page P98
2	G10216901	4	PTO Tank Mount Bracket
3	G11158	4	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
4	G10228	4	Lock Washer, 1/2"
5	G10102	4	Hex Nut, 1/2"-13
6	G10001	4	Hex Head Cap Screw, 3/8"-16 x 1"
7	G11387	4	Flat Washer, 3/8" SAE
8	G10108	4	Lock Nut, 3/8"-16
9	GA14446	1	PTO Pump
10	G6801-20	1	Elbow W/O-Ring, 90°, 1 5/8"-12 Male JIC To O-Ring
11	G6801-12	1	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring
12	*A25707-72	1	Hose Assembly, 1/2" AR x 72" (10F45 - 12F)
13	*A11810-72	1	Hose Assembly, 1" x 72" (20F - 20F)
14	GD19383-03	1	Hose Wrap, 60"
15	GD0829	1	Spring
16	GA14152	1	Hose Strap
17	G10805701	1	Bracket
18	GD16642	2	U-Bolt, 3" x 4" x 1/2"-13
19	G10071	4	Serrated Flange Nut, 1/2"-13
20	G10337201	1	PTO Pump Mount
21	GD6291	2	Insulated Clamp, 3/8"
22	G10098401	1	PTO Red Light Harness
23	G10098301	1	PTO Green Light Harness
24	G10396901	1	Reverser Module
25	G10049501	1	Tractor Battery Connection Harness and Fuse Kit
26	G10724901	1	Tractor Power Harness
27	G10649801	1	PTO Harness
	G10737701	-	PTO Harness Extension
28	G10567801	1	Relay Module Mount Bracket
29	G10110	2	Lock Nut, 1/4"-20, Grade B
30	G10023	2	Hex Head Cap Screw, 1/4"-20 x 3/4"
* Hydraulic hose is not stocked by Kinze Repair Parts.			

Dual Stage PTO Oil Reservoir Assembly

Model 3605

M0312-02

(101868/101238)



Dual Stage PTO Oil Reservoir Assembly

M0312-02

Model 3605

ITEM	PART NO.	QTY.	DESCRIPTION
1	G10207201	1	Cooler and Fan
2	G10395301	1	Cooler Mount Bracket
3	GD16038	1	Filter Head
4	GD16037	1	Oil Filter, 10 Micron
5	G10209	2	Washer, 1/4" USS
6	G10023	2	Hex Head Cap Screw, 1/4"-20 x 3/4"
7	G6801-12	1	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring
8	G10395901	1	PTO Reservoir
9	---	-	See "PTO Pump Hydraulic Valve Block (Bulk Fill/Ground Contact Drive)" on page P197 See "PTO Pump Hydraulic Valve Block (Bulk Fill/Blue Drive)" on page P196
10	G2701-10	2	Elbow, 90°, 7/8"-14 Male JIC
11	G2503-20	2	Elbow, 45°, 1-5/8"-12 Male JIC x 1-1/4" Male NPT
12	GD35381	2	3/8" O.D. Brass Barbed x 1/4" NPT 90° Elbow
13	GD6279-07	1	Clear Plastic Tubing, 3/8" x 7-1/4"
14	G10331001	2	Hose Clamp #4, 5/8"-1/4" x 5/16"
15	G6804-08	1	Adjustable Tee, 3/4"-16 Male JIC To O-Ring
16	---	-	---
17	G2403-12	1	Union, 1 1/16"-12 Male JIC
18	G10087001	1	Temperature Sensor, 100°
19	G10395801	1	Steel Hydraulic Line, 3/4"
20	G10211501	2	Steel Hydraulic Line, 5/8"
21	G304-C-8	1	Cap Nut, 3/4"-16
22	G306-10	2	Lock Nut, 7/8"-14
23	G10210	4	Washer, 3/8" USS
24	G10002	4	Hex Head Cap Screw, 3/8"-16 x 3/4"
25	G6410-20-16	1	Adapter, 1-5/8"-12 O-Ring x 1-5/16"-12
26	G6801-12-20	1	Adjustable Elbow, 90°, 1-1/16"-12 x 1-5/8"-12 O-Ring
27	G10194501	1	Steel Hydraulic Line, 3/4"
28	G11387	16	Flat Washer, 3/8" SAE
29	G10001	4	Hex Head Cap Screw, 3/8"-16 x 1"
30	G10108	8	Lock Nut, 3/8"-16
31	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
32	G10235	2	Machine Bushing, 7/8", 14 Gauge (.0747")
33	*A12937-24	1	Hose Assembly, 3/4" x 24" (12F - 12F90S)
34	G6801-LL-12	1	Adjustable Elbow, 1-1/16"-12 x 1-1/16"-12 O-Ring
35	G6835-16-16-16	1	Tee, 1-5/16" O-Ring
36	G6410-16-08	1	Adapter, 1-5/16"-12 O-Ring x 3/4"-16
37	G10098201	1	Temperature Sensor, 200°
38	G6801-12-16	1	Adjustable Elbow, 90°, 1-5/16"-12 O-Ring
39	G10371401	1	Decal, Vacuum
40	G10371601	1	Decal, Bulk Fill

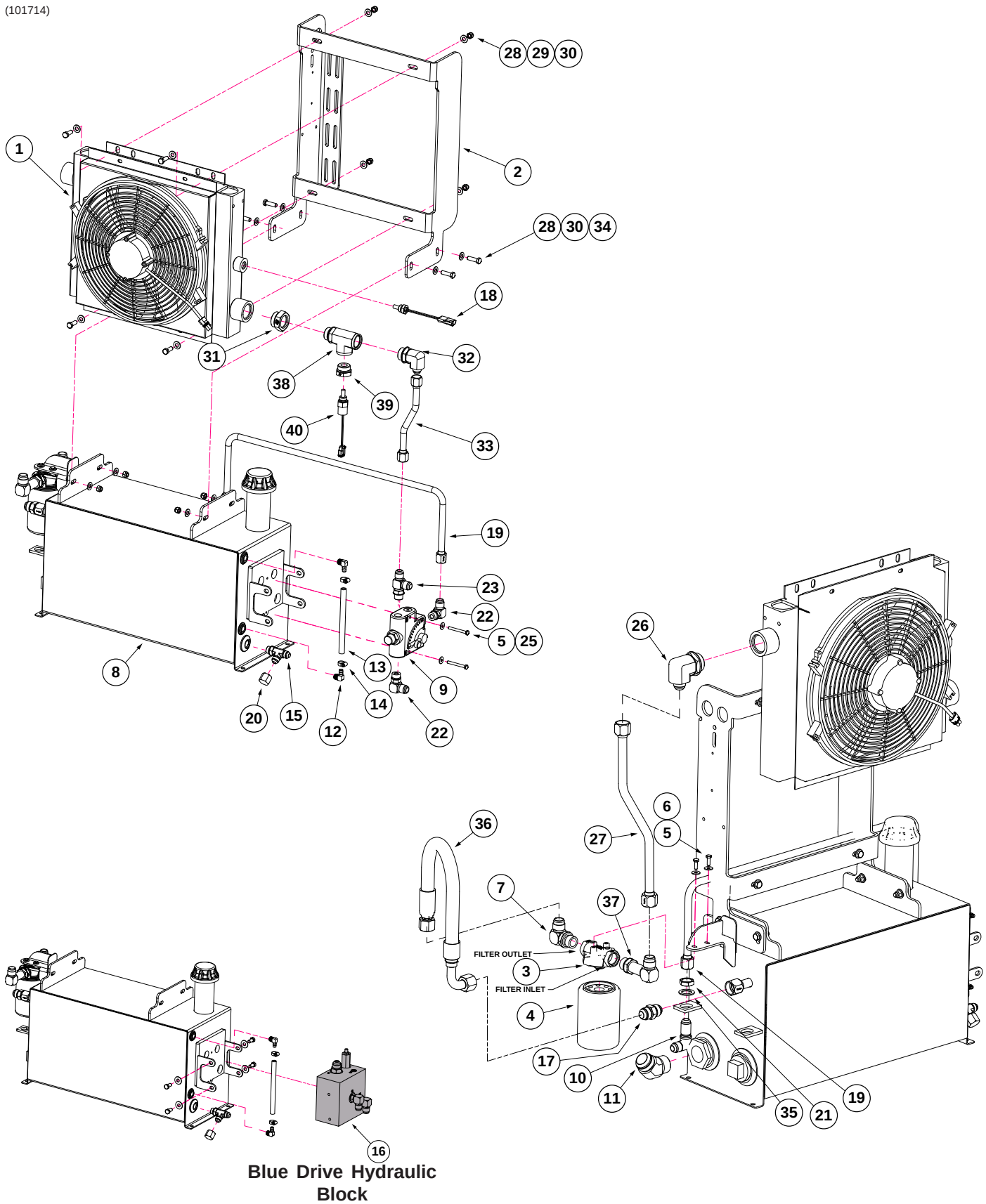
* Hydraulic hose is not stocked by Kinze Repair Parts.

Single Stage PTO Oil Reservoir Assembly

Model 3605

M0312-02

(101714)



Single Stage PTO Oil Reservoir Assembly

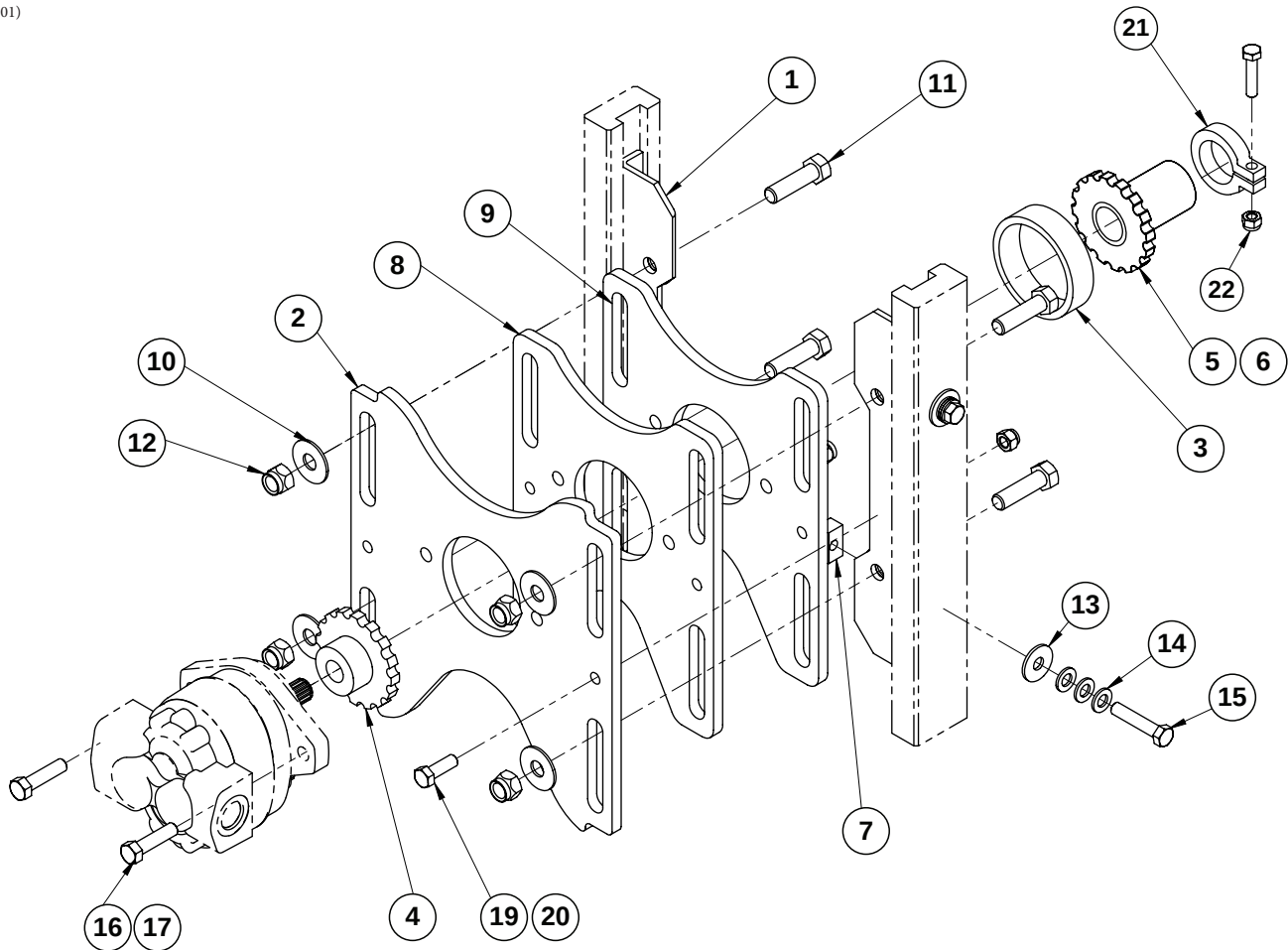
M0312-02

Model 3605

ITEM	PART NO.	QTY.	DESCRIPTION
1	G10207201	1	Cooler and Fan
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	1	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring
8	G10395901	1	PTO Reservoir
9	GA10918	1	Flow Control Valve (Ground Contact Drive)
10	G2701-10	2	Elbow, 90°, 7/8"-14 Male JIC
11	G2503-20	2	Elbow, 45°, 1-5/8"-12 Male JIC x 1-¼" Male NPT
12	GD35381	2	3/8" O.D. Brass Barbed x 1/4" NPT 90° Elbow
13	GD6279-07	1	Clear Plastic Tubing, 3/8" x 7-1/4"
14	G10331001	2	Hose Clamp #4, 5/8"-1/4" x 5/16"
15	G6804-08	1	Adjustable Tee, 3/4"-16 Male JIC To O-Ring
16	---	1	See "PTO Oil Reservoir Hydraulic Block (Blue Drive)" on page P190
17	G2403-12	1	Union, 1 1/16"-12 Male JIC
18	G10087001	1	Temperature Sensor, 100°
19	G10211501	1	Steel Hydraulic Line, 5/8"
20	G304-C-8	1	Cap Nut, ¾"-16
21	G306-10	2	Lock Nut, 7/8"-14
22	G6801-10	2	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring
23	G6804-10	1	Adjustable Tee W/O-Ring, 7/8"-14 Male JIC To O-Ring
25	G10880	2	Hex Head Cap Screw, ¼"-20 x 2 ¼"
26	G6801-12-20	1	Adjustable Elbow, 90°, 1-1/16"-12 x 1-5/8"-12 O-Ring
27	G10194501	1	Steel Hydraulic Line, 3/4"
28	G11387	16	Flat Washer, 3/8" SAE
29	G10001	4	Hex Head Cap Screw, 3/8"-16 x 1"
30	G10108	8	Lock Nut, 3/8"-16
31	G6410-20-16	1	Adapter, 1-5/8"-12 O-Ring x 1-5/16"-12
32	G6801-10-16	1	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To 1 5/16"-12 O-Ring
33	G10395401	1	Steel Hydraulic Line, 5/8"
34	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
35	G10235	1	Machine Bushing, 7/8", 14 Gauge (.0747")
36	*A12937-24	1	Hose Assembly, 3/4" x 24" (12F - 12F90S)
37	G6801-LL-12	1	Adjustable Elbow, 1-1/16"-12 x 1-1/16"-12 O-Ring
38	G6835-16-16-16	1	Tee, 1-5/16" O-Ring
39	G6410-16-08	1	Adapter, 1-5/16"-12 O-Ring x 3/4"-16
40	G10098201	1	Temperature Sensor, 200°

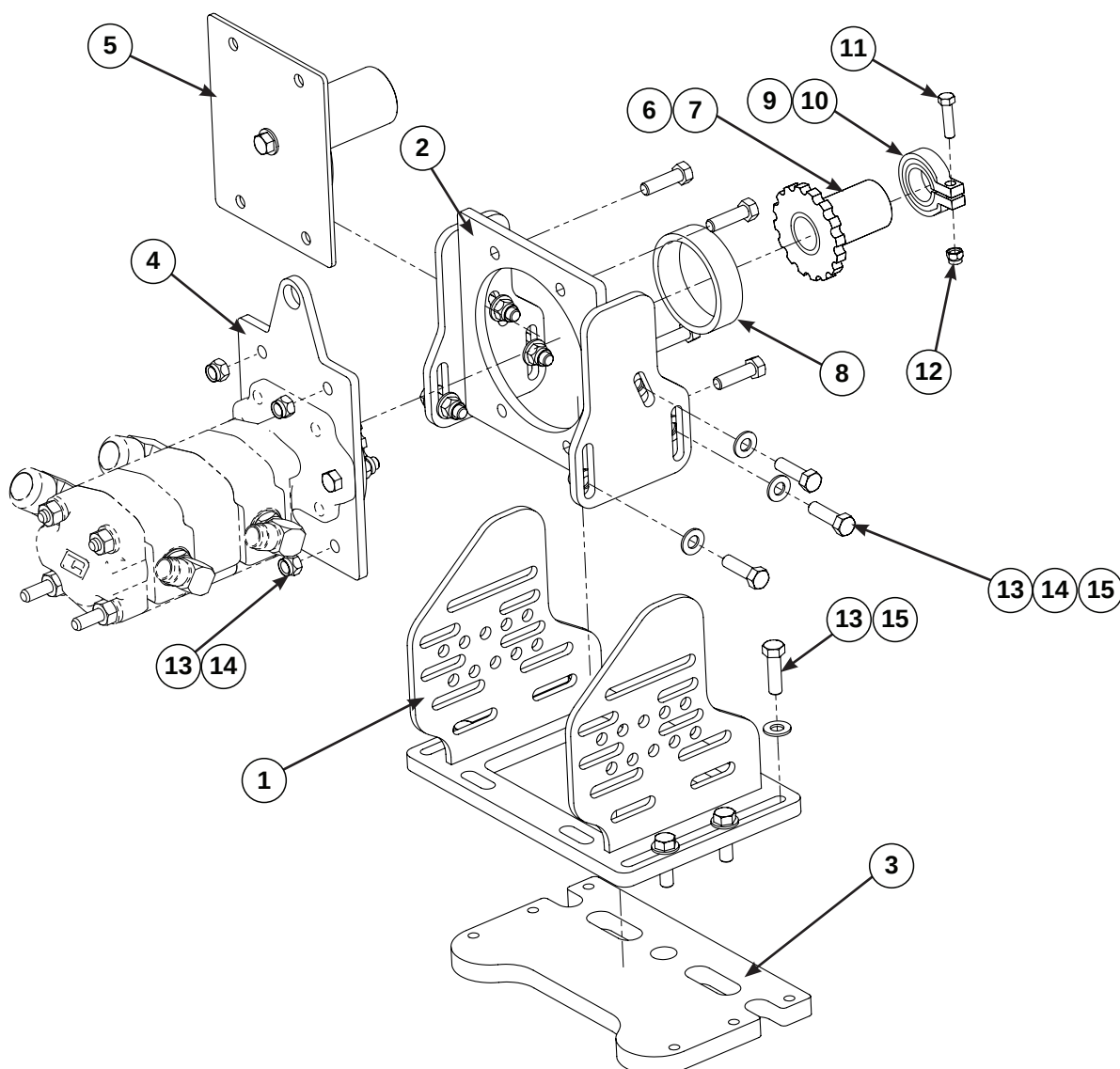
*** Hydraulic hose is not stocked by Kinze Repair Parts.**

(10987501)



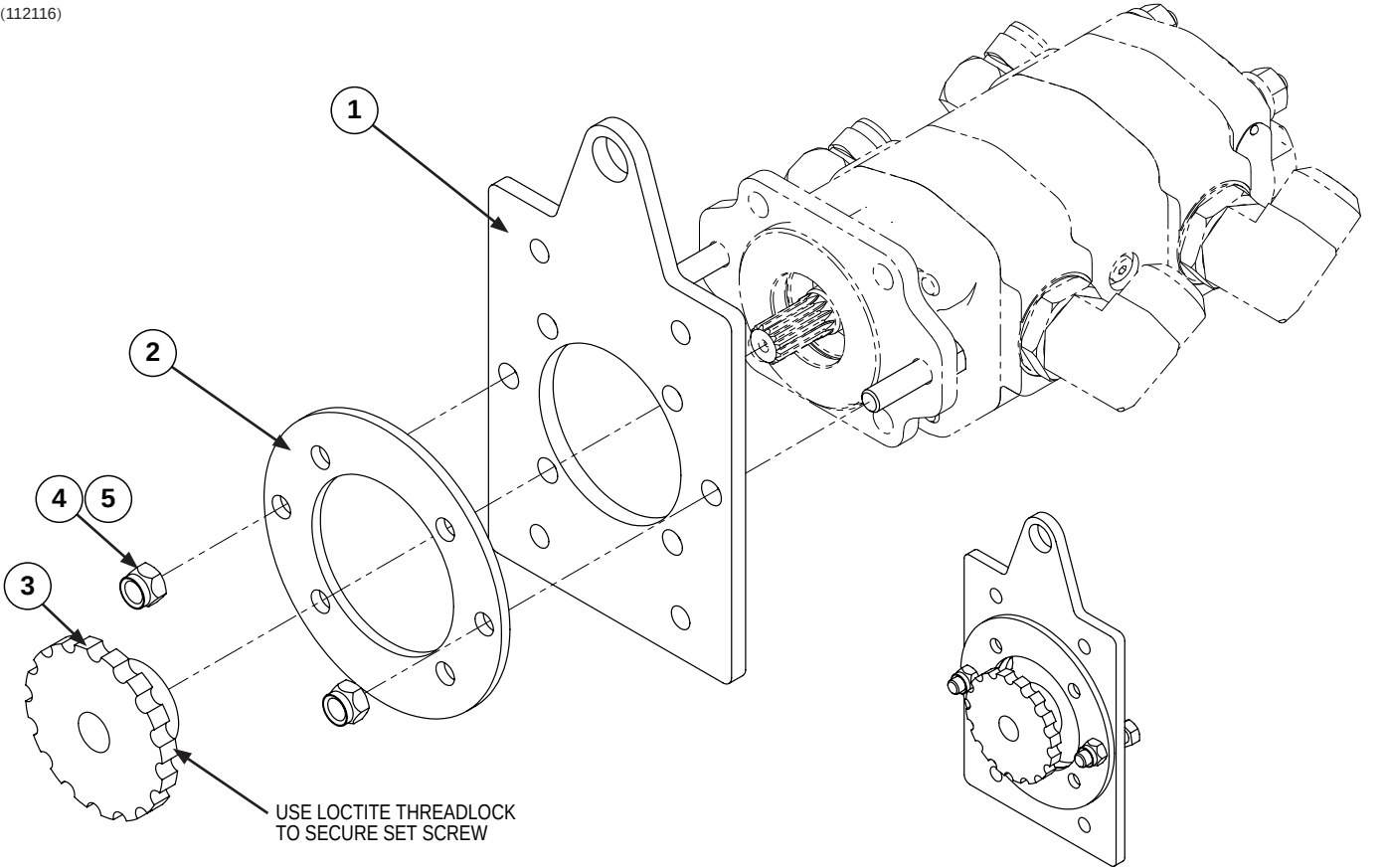
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10985501	2	Rail Mount
2	G10985301	1	Pump Mount Plate, 39 cm
3	G10984801	1	Chain with Link
4	G10984701	1	Sprocket, 16 Tooth
5	G10985001	1	Long Sprocket, 16 Tooth, 1-3/4" x 20 Spline
6	G10984901	1	Long Sprocket, 16 Tooth, 1-3/8" x 21 Spline
7	G10985401	4	Rail Mount Nut
8	G10985101	1	Pump Mount Plate, 31 cm
9	G10985201	1	Pump Moun Plate, 33 cm
10	G10217	8	Washer, 5/8" USS
11	G10006	4	Hex Head Cap Screw, 5/8"-11 x 2 1/4"
12	G10107	4	Lock Nut, 5/8"-11
13	G10984201	4	Flat Washer, DIN 9021
14	G12039	12	Flat Washer, M12
15	G12002-60	4	Hex Head Cap Screw, M12-1,75 x 60
16	G10016	2	Hex Head Cap Screw, 1/2"-13 x 2"
17	G10111	2	Lock Nut, 1/2"-13
18	G10984101	1	LM 47 Long-Life Grease
19	G12015	2	Hex Lock Nut, M12-1,75
20	G12002-35	2	Hex Head Cap Screw, M12-1,75 x 35
21	G11114501	1	Collar, 1-3/8" (used with G10984901)
	G11114601	1	Collar, 1-3/4" (used with G10985001)
22	G12000-40	1	Hex Head Cap Screw, M10-1,5 x 40
	G12164	1	Hex Lock Nut, M10-1.5

(112120)



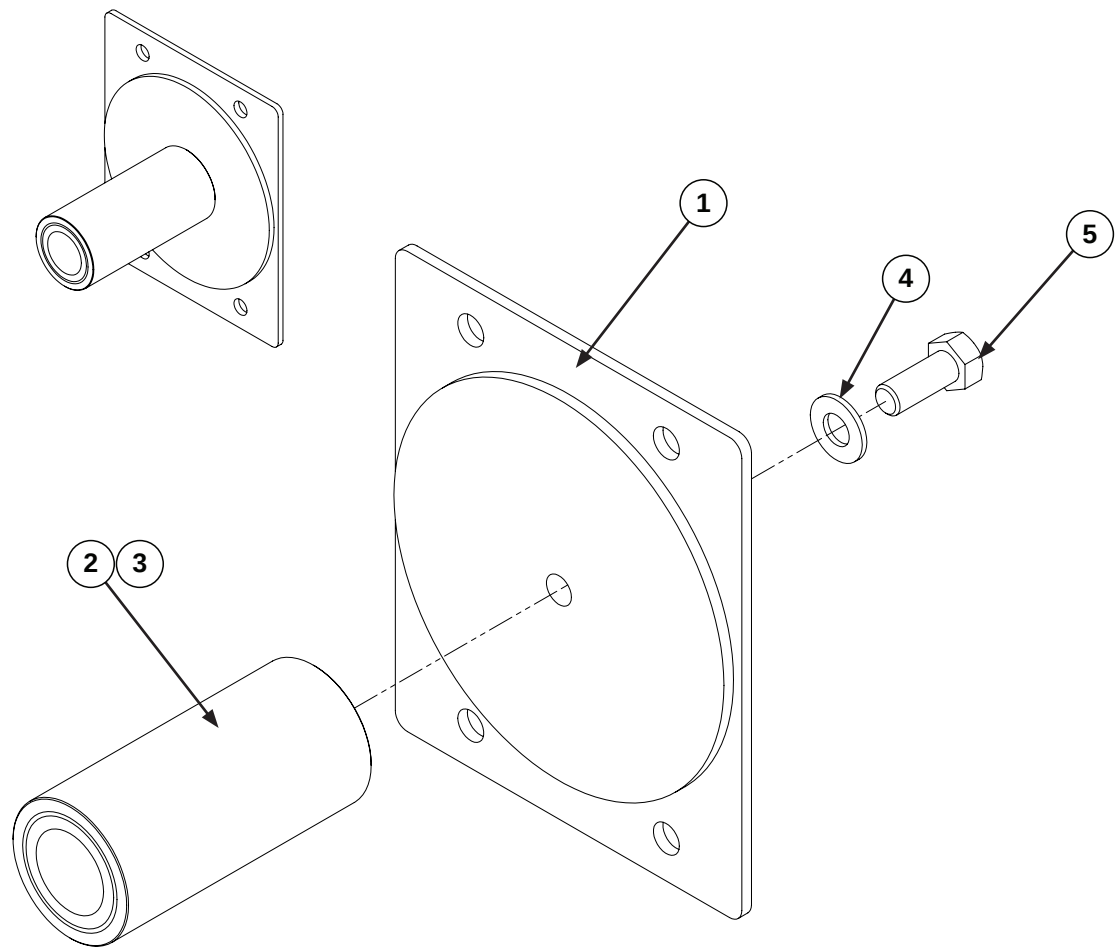
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11211901	1	Tractor Mount
2	G11211801	1	Adapter Mount
3	G11211701	1	Plate
4	G11211601	1	See "Pump with Mount Adapter" on page P102
5	G11211501	1	See "Guide Tool" on page P103
6	G10984901	1	Long Sprocket, 16 Tooth, 1-3/8" x 21 Spline
7	G10985001	1	Long Sprocket, 16 Tooth, 1-3/4" x 20 Spline
8	G10984801	1	Chain with Link
9	G11114501	1	Collar, 1-3/8" (Used with G10984901)
10	G11114601	1	Collar, 1-3/4" (Used with G10985001)
11	G10003	1	Hex Head Cap Screw, 3/8"-16 x 1 1/2"
12	G10901	1	Lock Nut W/Nylon Insert, 3/8"-16
13	G10039	16	Hex Head Cap Screw, 1/2"-13 x 1 3/4"
14	G10111	10	Lock Nut, 1/2"-13
15	G11389	18	Flat Washer, 1/2" Plated SAE

(112116)

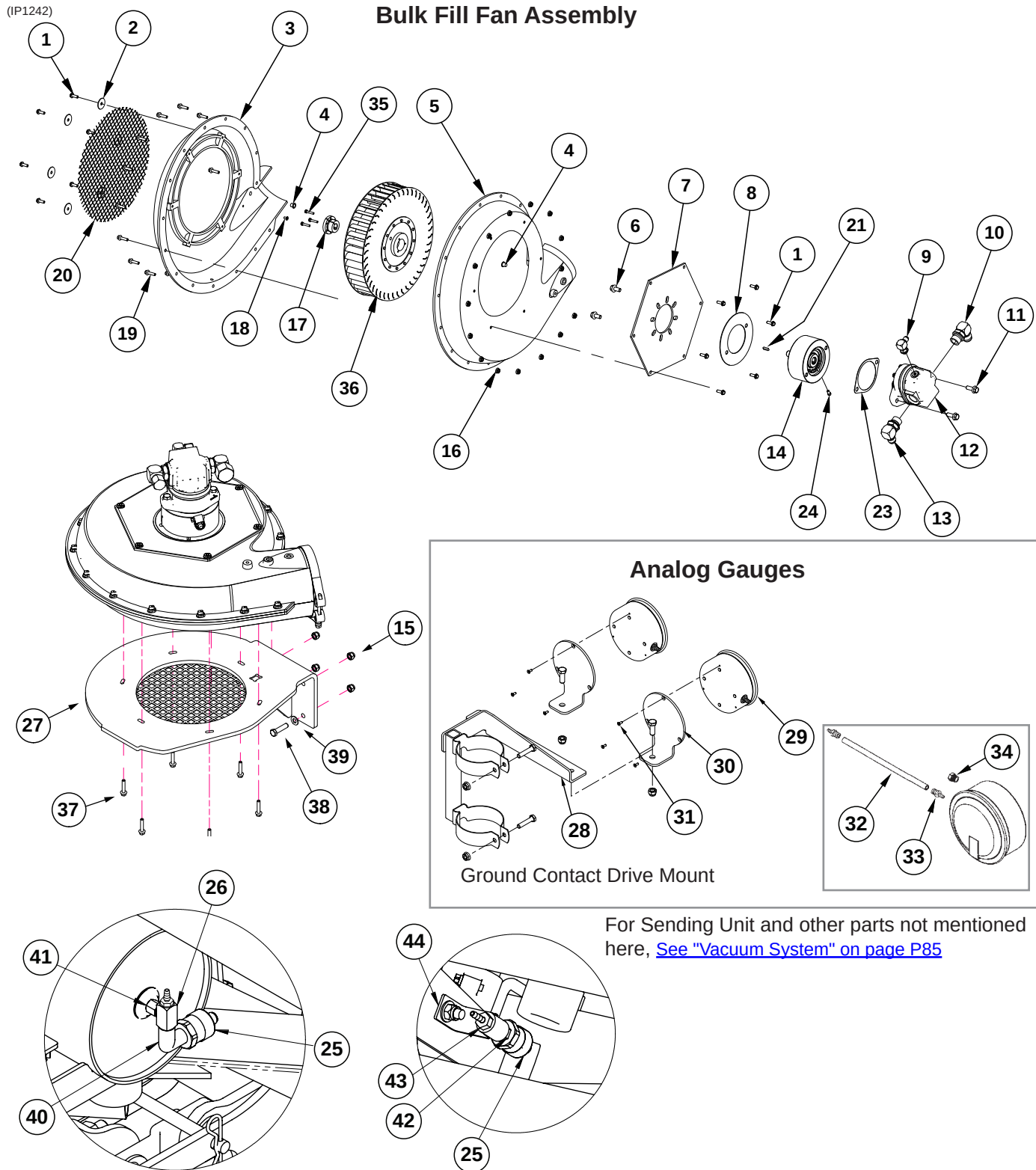


ITEM	PART NO.	QTY.	DESCRIPTION
1	G11212501	1	Pump Plate (Gear)
2	G11212601	1	Plate, 6.75 Ring
3	G10984701	1	Sprocket, 16 Tooth
4	G10016	2	Hex Head Cap Screw, 1/2"-13 x 2"
5	G10111	2	Lock Nut, 1/2"-13

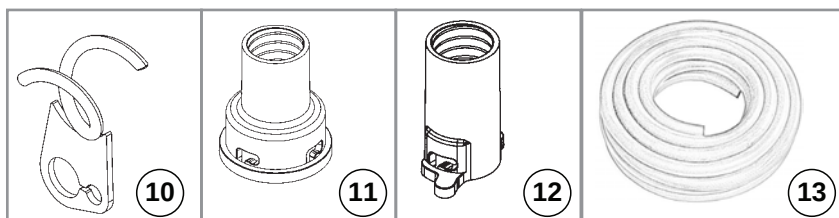
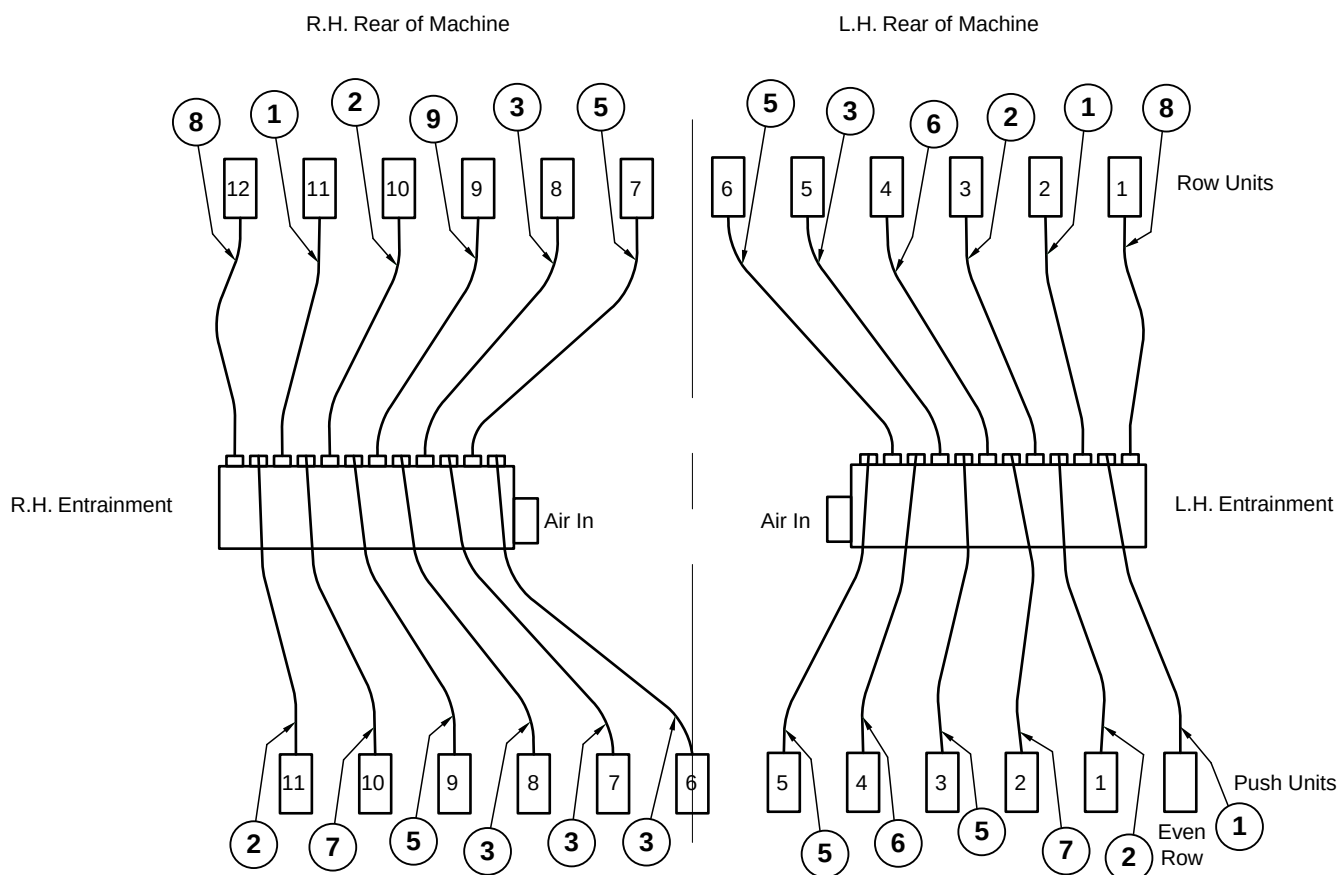
(112115)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G11212701	1	Guide Tool Base Plate (Gear)
2	G11212801	1	Aligment Tube, 1-3/4 (Use for 1-3/4-20 Spline PTO Shaft)
3	G11212901	1	Aligment Tube, 1-3/8 (Use for 1-3/8-21 Spline PTO Shaft)
4	G11389	1	Flat Washer, 1/2" Plated SAE
5	G10037	1	Hex Head Cap Screw, 1/2"-13 X 1 1/4"

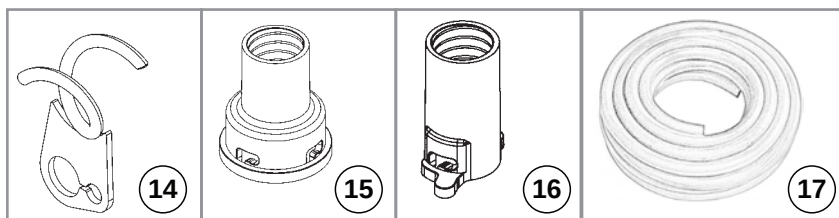
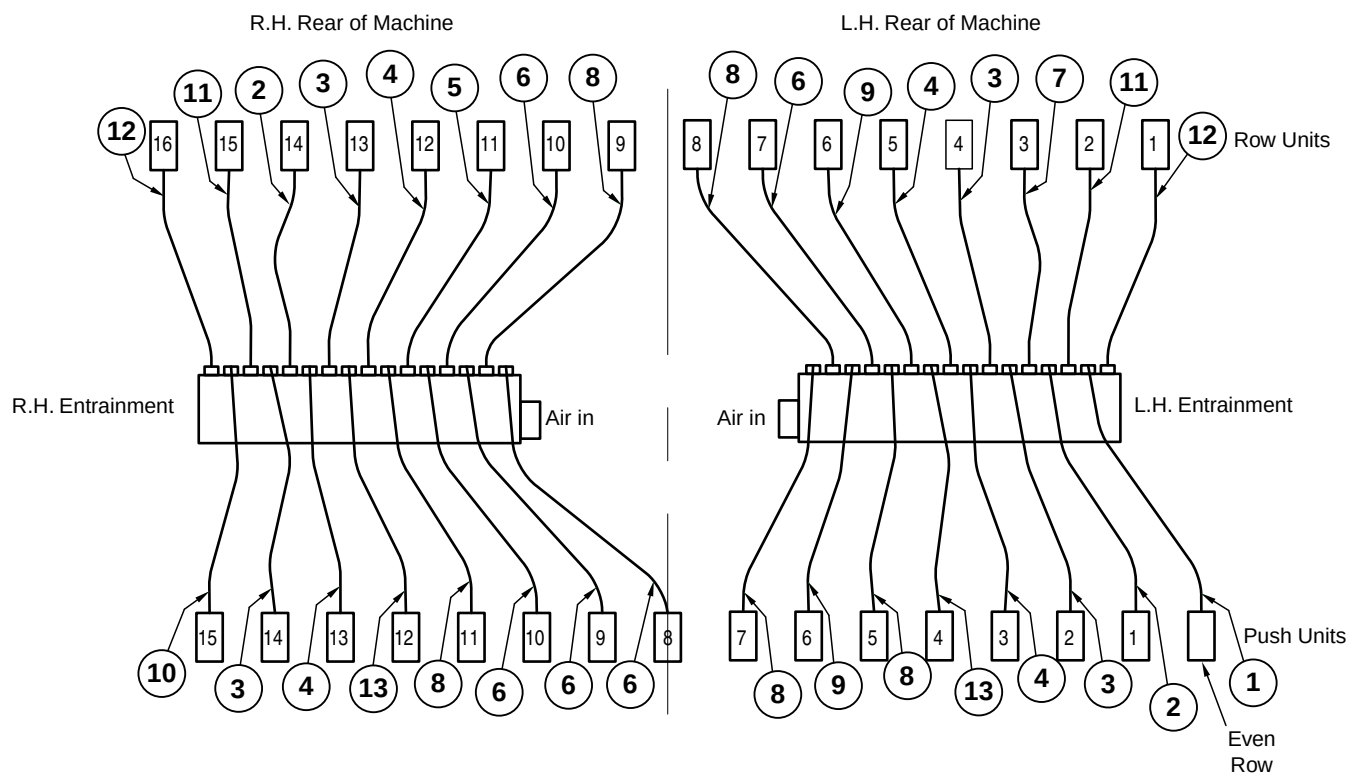


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10988	12	Hex Non-Serrated Flange Cap Screw, 1/4"-20 x 3/4"
2	GR1977	6	Fender Washer, 1/4"
3	GR1965	1	Non-Flanged Outer Case
4	GR1979	2	Plastic Plug, 7/16"
5	GR1966	1	Non-Flanged Inner Case
6	G11123	2	Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"
7	GR1969	1	Backing Plate
8	GD25644	1	Cover Plate
9	G6801-06	1	Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
10	G6801-12	1	Elbow W/O-Ring, 90°, 1 1/16"-12 Male JIC To O-Ring
	GR1467	-	O-Ring
11	G11124	2	Hex Serrated Flange Cap Screw, 3/8"-16 x 1"
12	G1114401	1	Hydraulic Motor
13	G6801-12-10	1	Elbow W/O-Ring, 90°. 1 1/16"-12 Male JIC To 7/8"-14 O-Ring
	GR1466	-	O-Ring
14	GA25388	1	Overhung Load Adapter
	GD20928	-	Bearing (Included W/GA25388)
15	G10108	4	Lock Nut, 3/8"-16
16	G10621	15	Serrated Flange Nut, 1/4"-20
17	GR1961	1	Bushing, 5/8"
18	GR1978	1	Plastic Plug, 1/4"
19	G11409	15	Hex Serrated Flanged Cap Screw, 1/4"-20 x 1"
20	GR1967	1	Screen
21	GD21300	1	Key Stock, 3/16" x 3/4"
22	GR2000	1	Hydraulic Motor Key
23	GD30882	1	Gasket, 2-Bolt Mount
24	GD31305	1	Rubber Seal Plug
25	G10349601	1	Air Pressure/Vacuum Sensor
	G11009201	1	Air Pressure Adapter Cable
26	GD28372	1	1/8" NPT Tee, Brass (Female/Male/Female)
27	G10365101	1	Bulk Fill Fan Mount
28	---	-	See "Center Pivot" on page P142
29	GA21406	2	Pressure Gauge W/Hose Barb
	GR1777	-	Hose Barb, 3/16" x 1/8" NPT (Included W/GA21406)
30	GD15804	2	Mount
	G10108	2	Lock Nut, 3/8"-16
	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
31	G11215	6	Hex Socket Head Cap Screw, No. 6-32 x 3/8", Grade 8
32	GD15849-02	1	Clear Tubing, 5/16" O.D. x 3/16" I.D. x 120"
33	GA10765	1	Analog Vacuum Gauge W/Hose Barb
	GR1777	-	Hose Barb, 1/8" Male NPT To 3/16" Barb (Included W/GA10765)
34	GA10799	1	Breather, 1/8" Male NPT
35	G11518	3	Hex Head Machine Screw, #10-24 x 1"
	G10243	3	Washer, No. 10 SAE
36	GR2109	-	Impeller
37	G11409	6	Hex Serrated Flanged Cap Screw, 1/4"-20 x 1"
38	G10003	4	Hex Head Cap Screw, 3/8"-16 x 1 1/2"
39	G11387	4	Hardened Washer, 3/8" SAE
40	G10023601	1	Elbow, 90°, 1/8" NPT x 1/8" NPT
41	GD35903	1	Adapter Male 1/8 NPT
42	G10041501	1	1/4 to 1/8 Plastic Reducer
43	GD15849-01	1	Clear Tube, 5/16" x 23-1/4"
	G11012201	1	3/16" x 1/4 NPT Hose Barb
44	G11012101	1	Coupling Bracket
	G10305	1	Hex Head Cap Screw, 3/8"-16 x 1"
	G10203	1	Washer, 3/8" SAE
	G10108	1	Lock Nut, 3/8"-16
A	GR1960	-	Hydraulic Motor Seal Kit



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A13802	3	Hose Assembly, 1 $\frac{1}{4}$ " x 161"
2	*A13803	4	Hose Assembly, 1 $\frac{1}{4}$ " x 133"
3	*A13805	5	Hose Assembly, 1 $\frac{1}{4}$ " x 71"
4	*A13801	1	Hose Assembly, 1 $\frac{1}{4}$ " x 192"
5	*A13807	5	Hose Assembly, 1 $\frac{1}{4}$ " x 82"
6	*A13808	2	Hose Assembly, 1 $\frac{1}{4}$ " x 93"
7	*A13824	2	Hose Assembly, 1 $\frac{1}{4}$ " x 103"
8	*A13801	1	Hose Assembly, 1 $\frac{1}{4}$ " x 192"
9	*A13804	1	Hose Assembly, 1 $\frac{1}{4}$ " x 101"
10	GA14593	-	Hose Holder (Used on Rows 1 and 12)
11	GB0425	-	Dissipator Quick Coupler
12	GB0429	-	Seed Entrainment Quick Coupler
13	GR1947	-	Bulk Fill Hose, 1" I.D. x 1 $\frac{1}{4}$ " O.D. x 100'

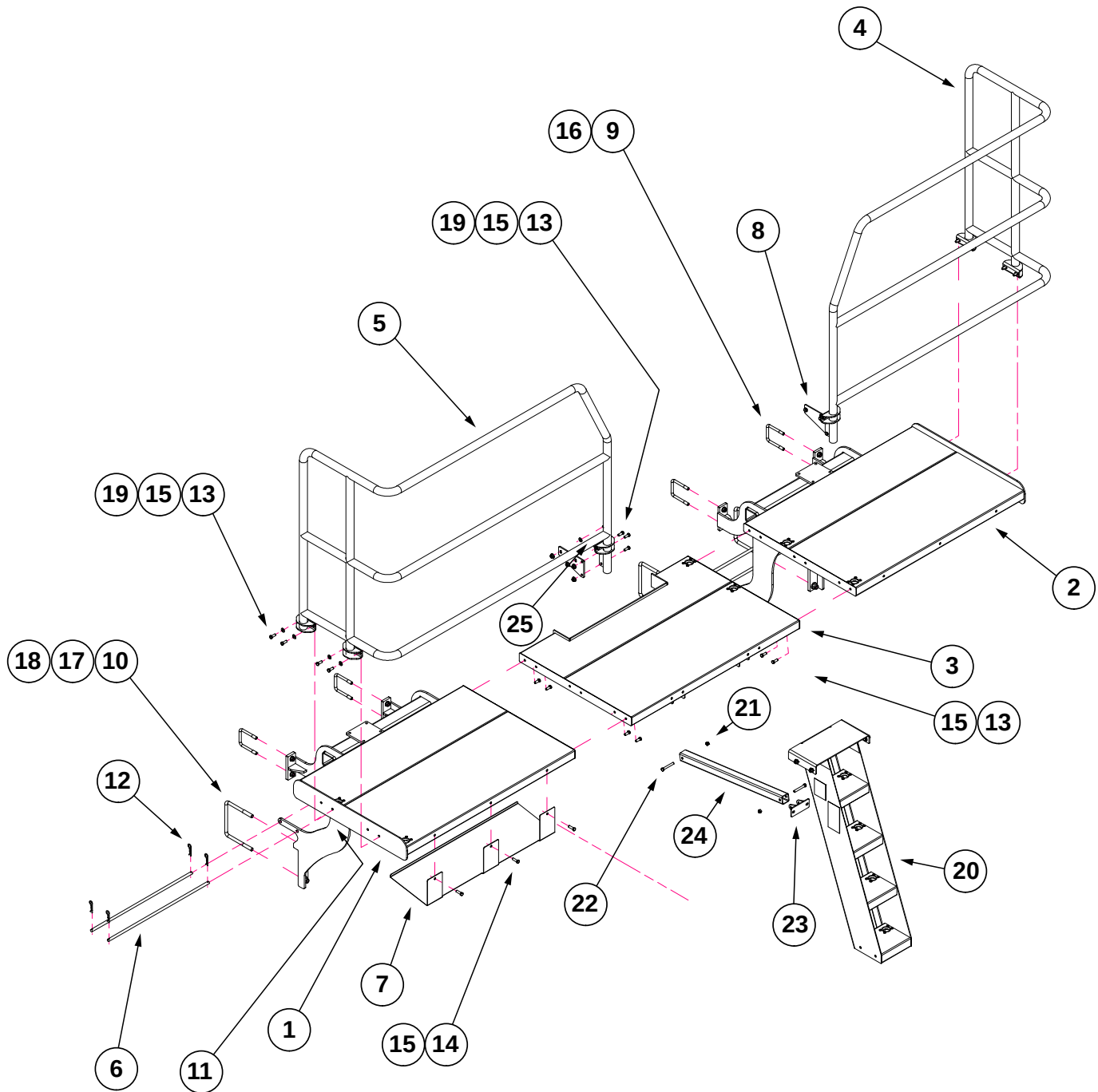
*Hose not stocked by Kinze repair parts, but is available in bulk (GR1947).



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A13800	1	Hose Assembly, 1 1/4" x 218"
2	*A13801	2	Hose Assembly, 1 1/4" x 192"
3	*A13802	4	Hose Assembly, 1 1/4" x 161"
4	*A13803	4	Hose Assembly, 1 1/4" x 133"
5	*A13804	1	Hose Assembly, 1 1/4" x 101"
6	*A13805	5	Hose Assembly, 1 1/4" x 71"
7	*A13826	1	Hose Assembly, 1 1/4" x 176"
8	*A13807	5	Hose Assembly, 1 1/4" x 82"
9	*A13808	2	Hose Assembly, 1 1/4" x 93"
10	*A13809	1	Hose Assembly, 1 1/4" x 205"
11	*A13810	2	Hose Assembly, 1 1/4" x 225"
12	*A13817	2	Hose Assembly, 1 1/4" x 246"
13	*A13824	2	Hose Assembly, 1 1/4" x 103"
14	*A14593	-	Hose Holder (Used on Rows 1, 2, 15, and 16)
15	GB0425	-	Dissipator Quick Coupler
16	GB0429	-	Seed Entrainment Quick Coupler
17	GR1947	-	Bulk Fill Hose, 1" I.D. x 1 1/4" O.D. x 100'

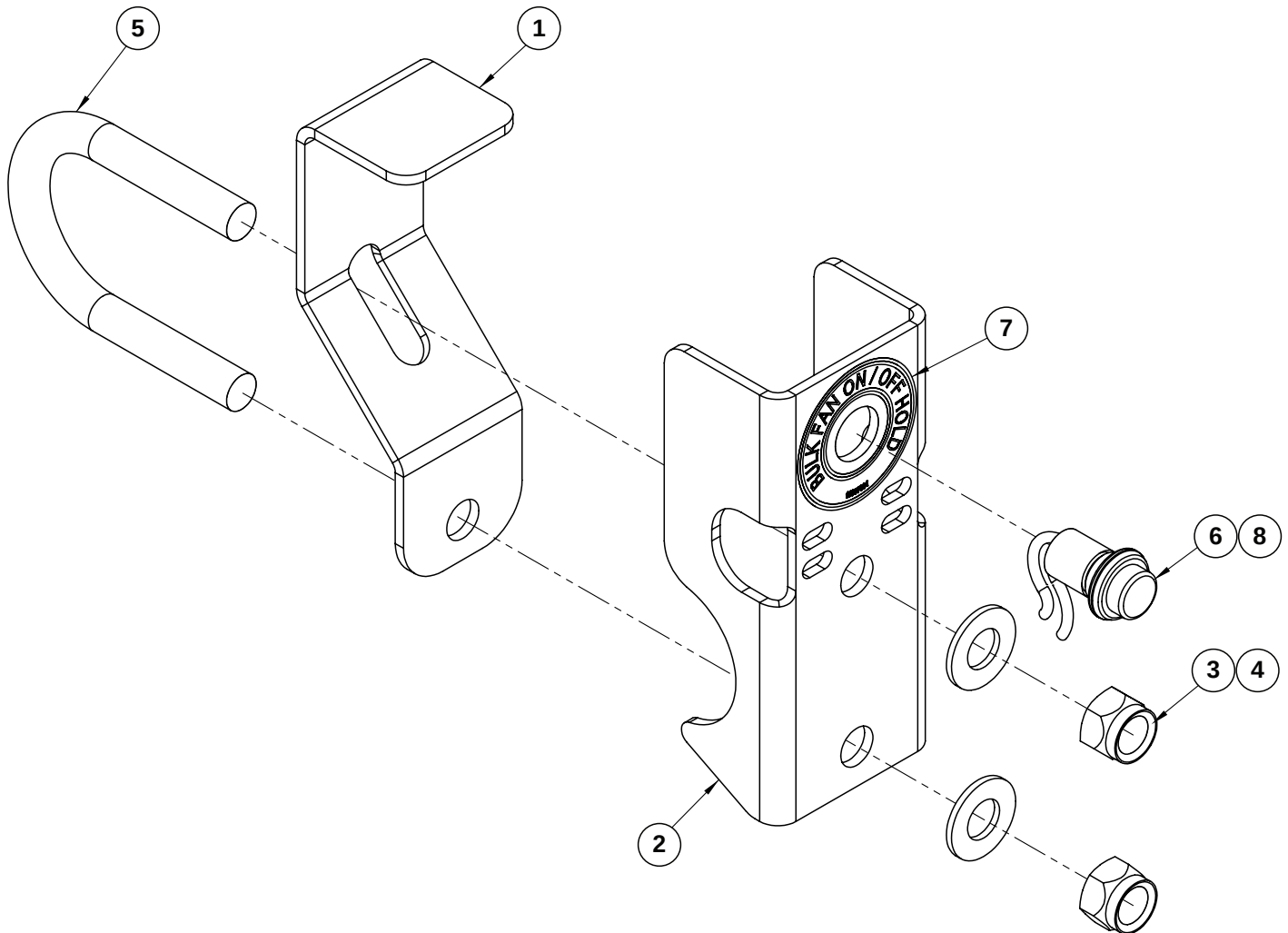
*Hose not stocked by Kinze repair parts, but is available in bulk (GR1947).

(101651)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18903	1	L.H. Catwalk
2	GA18904	1	R.H. Catwalk
3	GA17080	1	Center Catwalk
4	GA14372	1	Rail, R.H.
5	GA14373	1	Rail, L.H.
6	GD27103	4	Pin
7	G10246501	1	Cleanout Chute Storage
8	GD20599	2	Stiffener Rail
9	GD4743	4	U-Bolt, 3" x 3" x 1/2"-13
10	GD1113	4	U-Bolt, 5" x 7" x 5/8"-11
11	G4431-01	4	Edge Molding, 3/8" x 19"
12	G11303	8	Hair Clip Pin, #9
13	G10001	28	Hex Head Cap Screw, 3/8"-16 x 1"
14	G10004	3	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
15	G11091	31	Serrated Flange Nut, 3/8"-16
16	G10071	8	Serrated Flange Nut, 1/2"-13
17	G10107	8	Lock Nut, 5/8"-11
18	G11391	8	Flat Washer, 5/8" SAE
19	G11387	16	Flat Washer, 3/8" SAE
20	G10229201	1	Catwalk Ladder
21	G10108	2	Lock Nut, 3/8"-16
22	G10325	2	Hex Head Cap Screw, 3/8"-16 x 2 3/4"
23	GA18948	1	Stiffener Mount
24	G10190401	1	Ladder Stiffener Tube
25	G10967401	1	See "Bulk Fill Fan Switch" on page P110

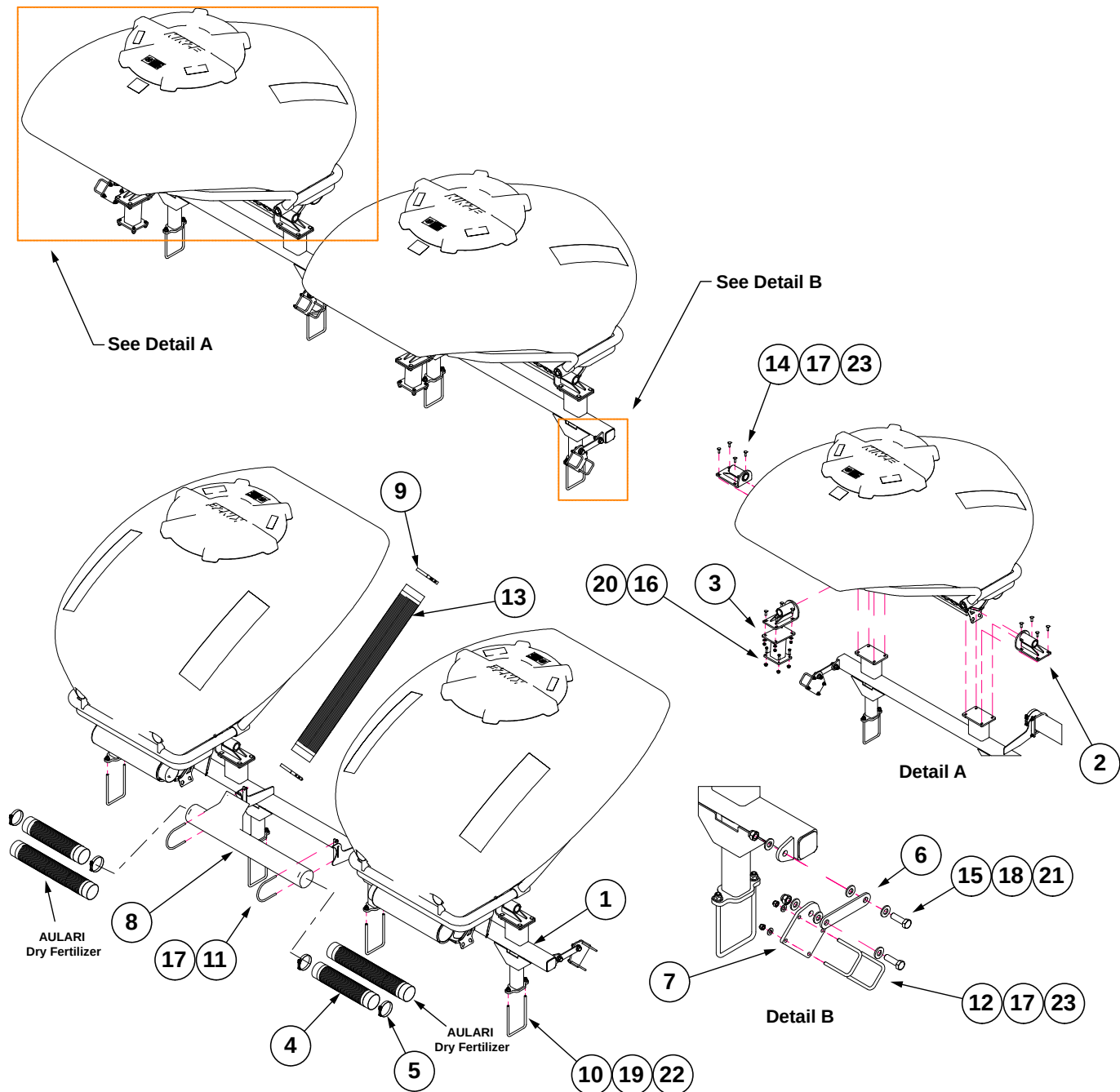
(10967401)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10967101	1	Fan Switch Bracket
2	G10967201	1	Fan Switch Mount
3	G10108	2	Lock Nut, 3/8"-16
4	G11387	2	Hardened Washer, 3/8" SAE
5	GD27190	1	U-Bolt, 1-1/2" x 3/8"-16
6	GA15485	1	Switch
7	G10967301	1	Fan Switch Decal
8	G10963101	1	Bulk Fill Shutoff Intercept Harness

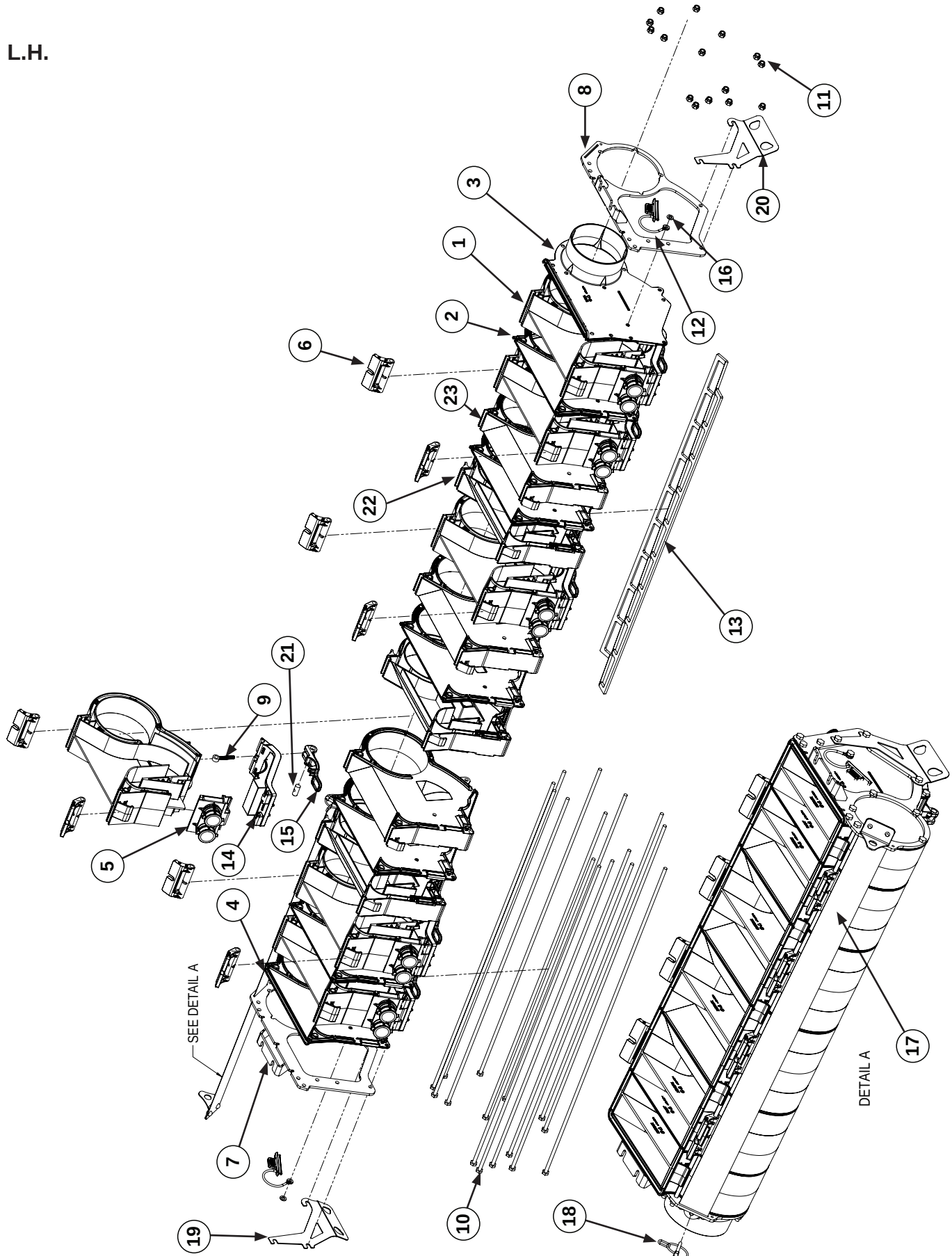
This page left blank intentionally.

(102130)

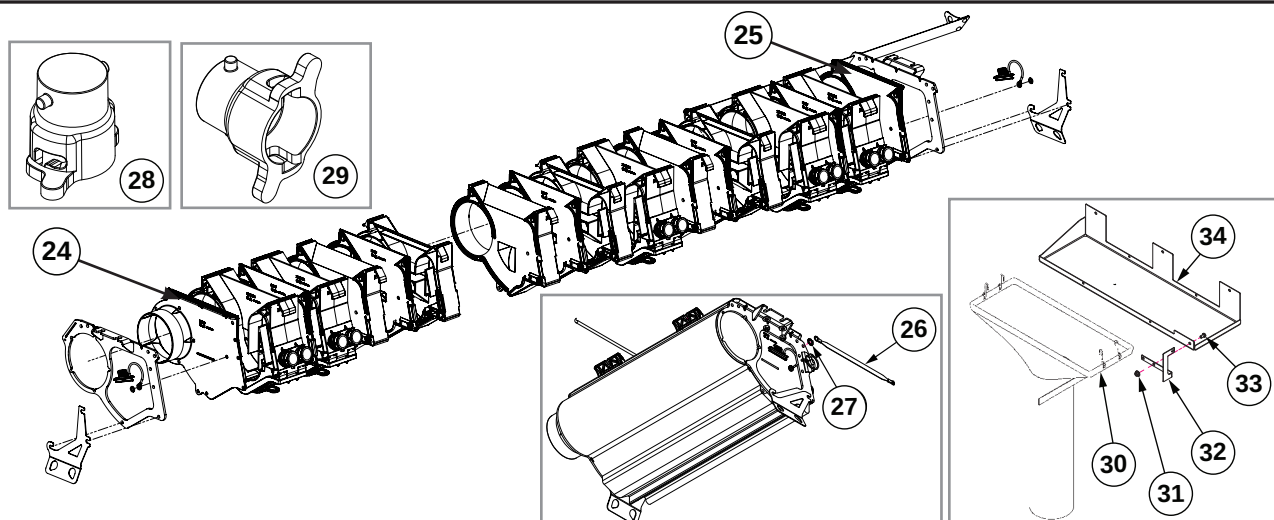


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18905	1	Front Bulkfill Mount
2	GA14041	6	Bulk Fill Tank Mount
3	GA14052	2	Rear Tank Mount
4	GD19659-05	2	Black Hose, 4 ½" I.D. x 22"
	GD19659-01	2	Black Hose, 4 ½" I.D. x 39" (For Aulari Dry Fertilizer)
5	G11360	4	T-Bolt Hose Clamp, 4 ½"
6	GD33962	3	Link
7	GD20401	3	Link Mount
8	GB0493	1	Bulk Fill Manifold
9	G11367	2	T-Bolt Clamp 6"
10	GD8306	4	U-Bolt, 7" x 5" x ½"-13
11	GD19639	2	U-Bolt, 4 ½" x ⅜"-16
12	GD19212	6	U-Bolt, 2 ½" x ⅜"-16
13	GD19658-02	1	Black Hose, 6" I.D. x 56"
14	G10599	24	Carriage Bolt, ⅜"-16 x 1 ¼"
15	G10008	6	Hex Head Cap Screw, ⅝"-11 x 2"
16	G10004	8	Hex Head Cap Screw, ⅜"-16 x 1 ¼"
17	G10108	40	Lock Nut, ⅜"-16
18	G10107	6	Lock Nut, ⅝"-11
19	G10111	8	Lock Nut, 1/2"-13
20	G10622	8	Serrated Flange Nut, 3/8"-16
21	G11391	18	Flat Washer, ⅝" SAE
22	G11389	8	Flat Washer, ½" Plated SAE
23	G11387	36	Flat Washer, ⅜" SAE

L.H.

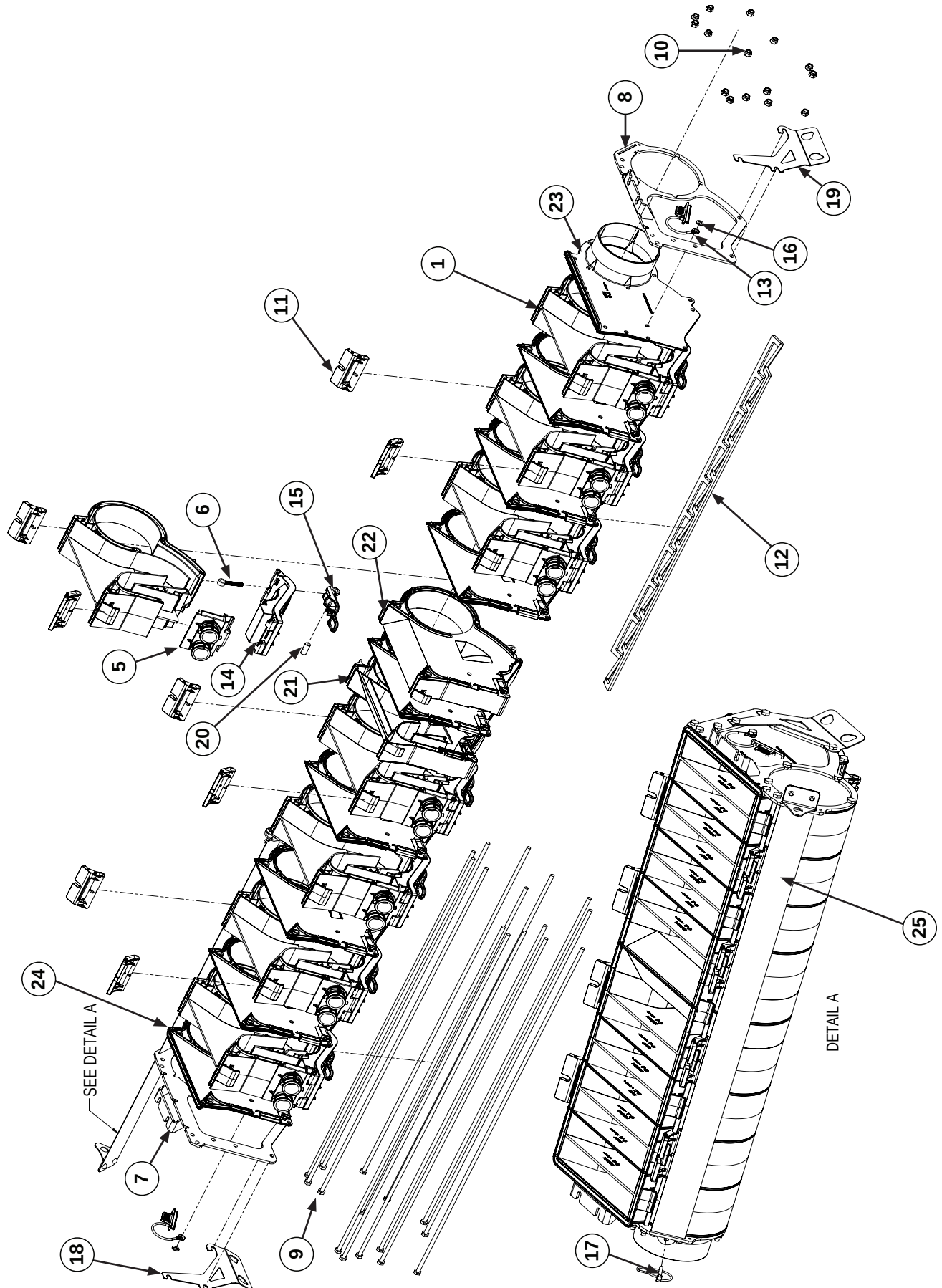


R.H.

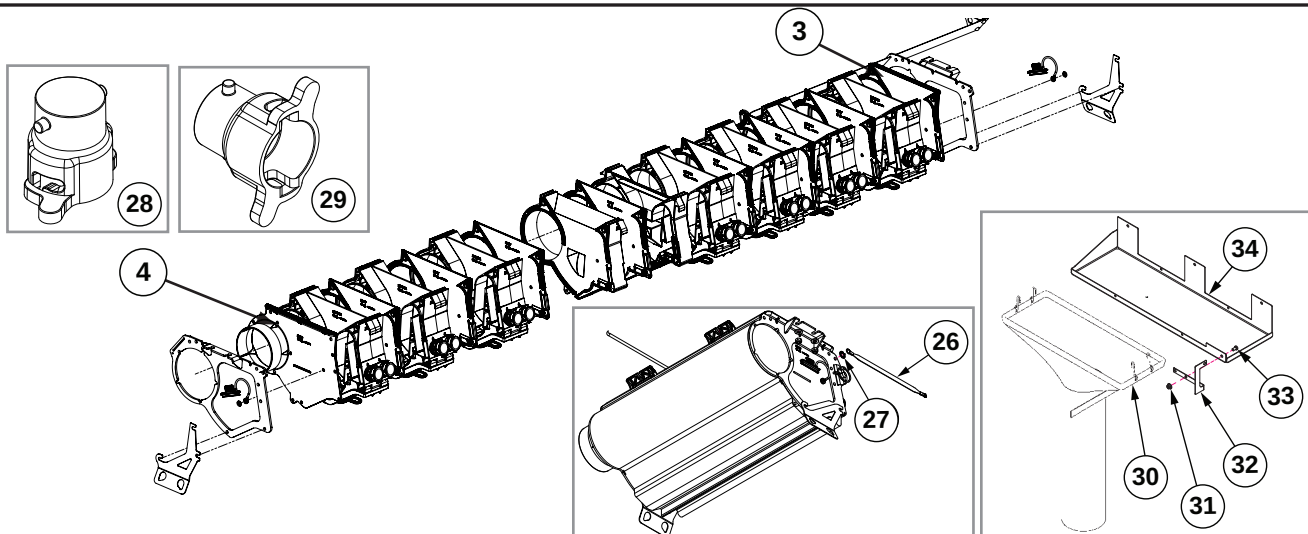


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10993901	6	Entrainer Section
2	GB1197	5	Entrainer Interior Wall
3	GB1201	1	Entrainer End Cap, L.H.
4	GB1199	1	Entrainer End Cap, L.H.
5	G10994201	6	Dual Entrainer Outlet, 1"
6	GB1204	8	Entrainer Mount Adapter
7	G11113601	1	Entrainer Retainment Assembly, L.H.
8	G11113501	1	Entrainer Retainment Assembly, R.H.
9	GD19864	6	Eye Bolt, 1/4"-20 x 1.83 OAL
10	G10936301	15	Hex Head Cap Screw, 1/4"-20 x 31.75", Grade 2
11	G11320	15	Lock Nut, 1/4"-20, Grade B
12	GB0444	2	Bulk Fill Shutoff Door Plug
13	G10301401	1	Cleanout Door Gasket, 18 Section
14	G11045701	6	Entrainer Door Assembly
15	G10994101	6	Entrainer Door Latch
16	G11328	2	Washer, 1/4"
17	G10495105	1	Shutoff Door Assembly
18	G10439801	1	Lynch Pin, 3/16" x 1-1/4", W/Chain
19	G10017201	1	Bulk Fill Chute Hanger
20	G10017301	1	Bulk Fill Chute Hanger
21	GD21080	6	Cam Nut, 1/4"-20
22	G10994301	3	Narrow Entrainer Spacer, L.H.
23	G10994401	3	Narrow Entrainer Spacer, R.H.
24	GB1200	1	Entrainer Inlet, R.H.
25	GB1198	1	Entrainer End Cap, R.H.
26	GD27607	1	Ground Strap
27	G10529	1	External Tooth Lock Washer, 3/8"
28	GB0431	16	Bulk Fill Small Entrainer Cap (Shown)
	GD19508	16	Small Coupler O-Ring
29	GB0430	-	Bulk Fill Large Cap
30	GA14822	1	Cleanout Chute
31	G11091	1	Serrated Flange Nut, 3/8"-16
32	G10246001	1	Clean Out Chute Mount
33	G10328	1	Hex Head Cap Screw, 3/8"-16 x 5/8"
34	G10246301	1	Clean Out Chute Bottom
A	G11043502	-	Bulk Fill Entrainer Assembly, R.H. (Items 1-2, 5-25)
B	G11043501	-	Bulk Fill Entrainer Assembly, L.H. (Items 1-23)

L.H.

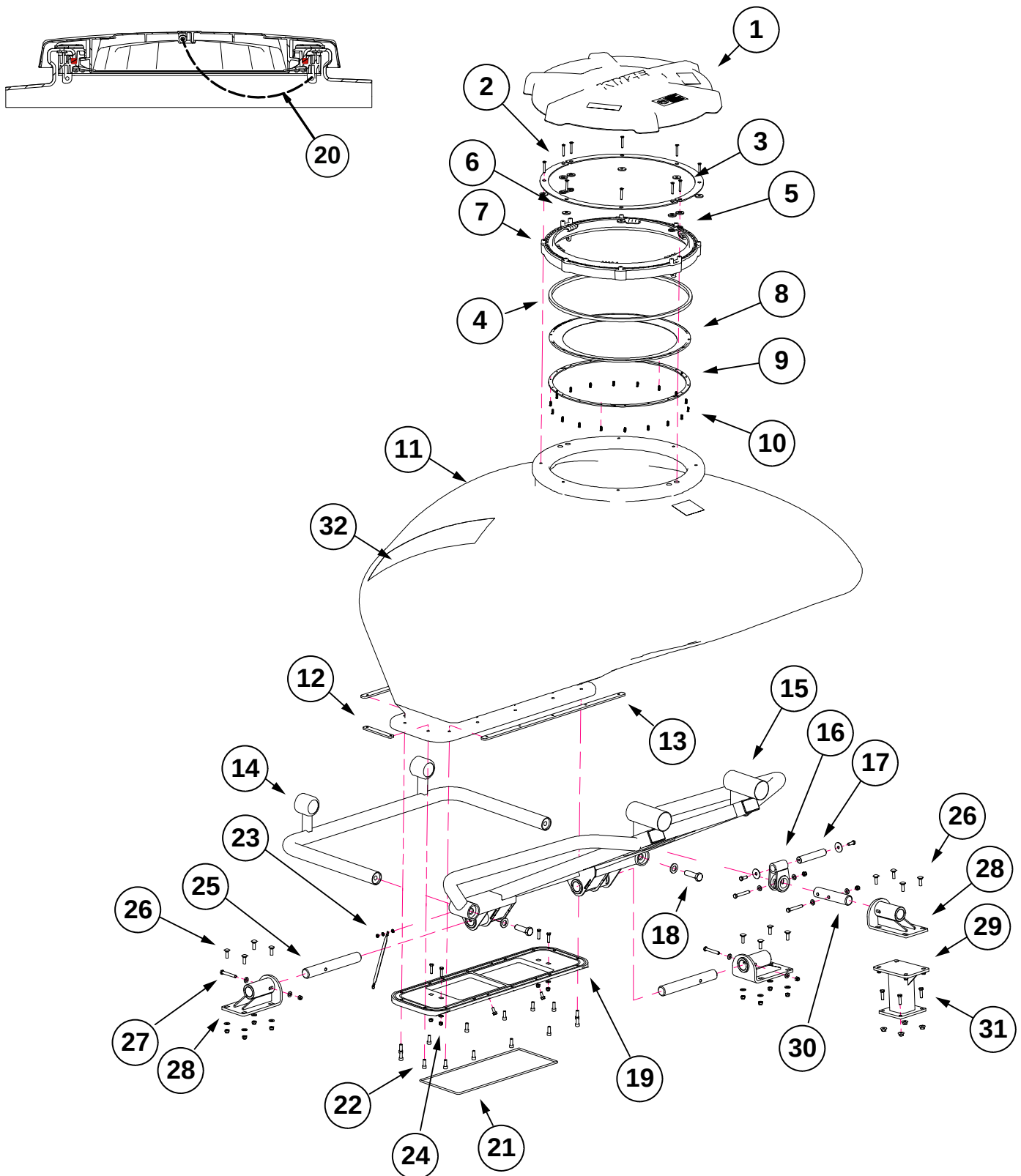


R.H.



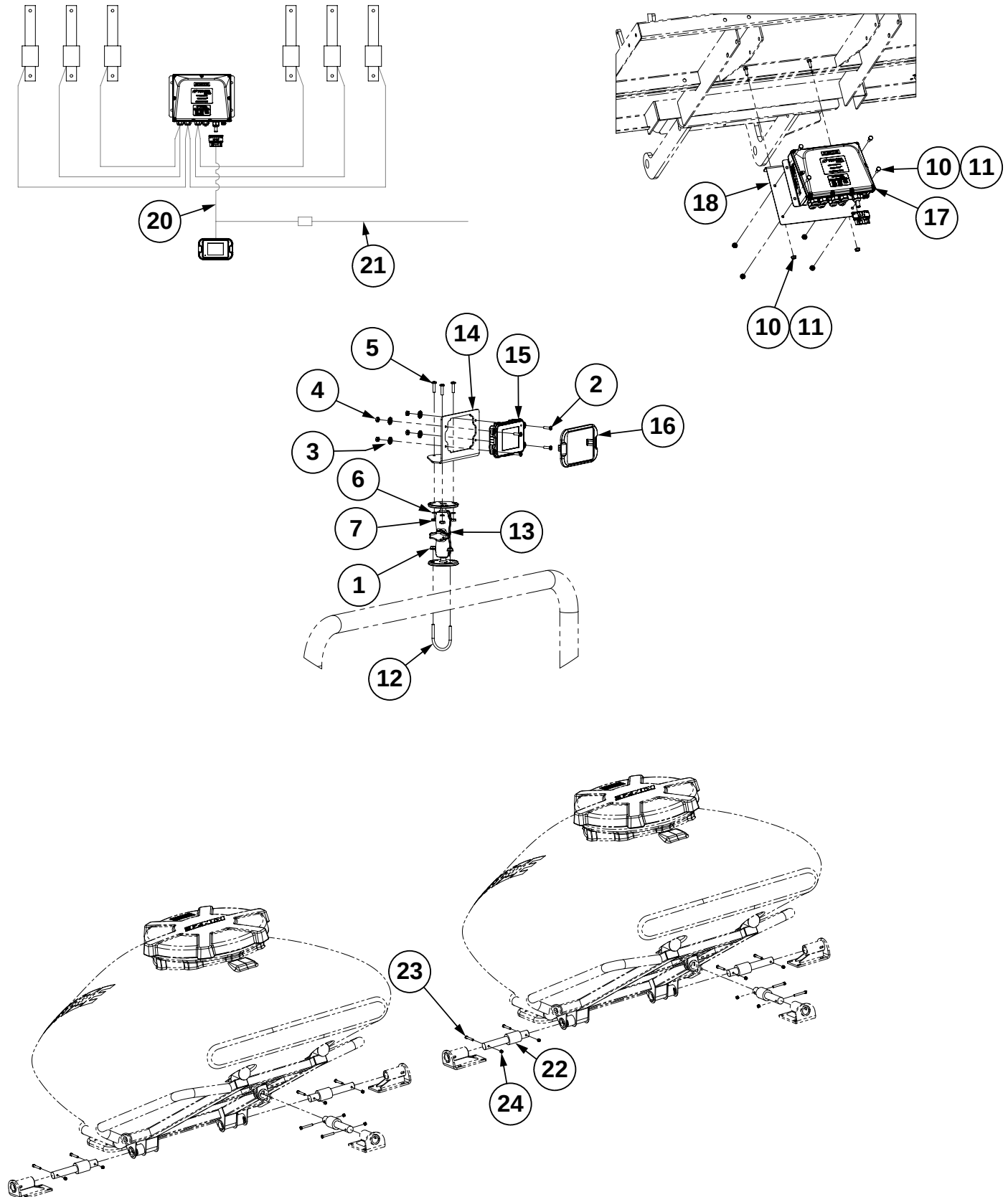
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10993901	8	Entrainer Section
2	GB1197	7	Entrainer Interior Wall
3	GB1198	1	Entrainer End Cap, R.H.
4	GB1200	1	Entrainer Inlet, R.H.
5	G10994201	8	Dual Entrainer Outlet, 1"
6	GD19864	8	Eye Bolt, 1/4"-20 x 1.83
7	G11113601	1	Entrainer Retainment Assembly, L.H.
8	G11113501	1	Entrainer Retainment Assembly, R.H.
9	G10936301	15	Hex Head Cap Screw, 1/4"-20 x 31.75
10	G11320	15	Lock Nut, 1/4"-20, Grade B
11	GB1204	8	Entrainer Mount Adapter
12	G10301401	1	Cleanout Door Gasket, 18R
13	GB0444	2	Bulk Fill Shutoff Door Plug
14	G11045701	8	Entrainer Door Assembly
15	G10994101	8	Entrainer Door Latch
16	G11328	2	Flat Washer, 1/4"
17	G10439801	1	Lynch Pin, 3/16" x 1-1/4", W/Chain
18	G10017201	1	Bulk Fill Chute Hanger
19	G10017301	1	Bulk Fill Chute Hanger
20	GD21080	8	Cam Nut, 1/4"-20
21	G10994301	1	Narrow Entrainer Spacer, L.H.
22	G10994401	1	Narrow Entrainer Spacer, R.H.
23	GB1201	1	Entrainer End Cap
24	GB1199	1	Entrainer End Cap
25	G10495105	1	Shutoff Door Assembly
26	GD27607	1	Ground Strap
27	G10529	1	External Tooth Lock Washer, 3/8"
28	GB0431	16	Bulk Fill Small Entrainer Cap (Shown)
	GD19508	16	Small Coupler O-Ring
29	GB0430	-	Bulk Fill Large Cap
30	GA14822	1	Cleanout Chute
31	G11091	1	Serrated Flange Nut, 3/8"-16
32	G10246001	1	Clean Out Chute Mount
33	G10328	1	Hex Head Cap Screw, 3/8"-16 x 5/8"
34	G10246301	1	Clean Out Chute Bottom
A	G11043504	-	Bulk Fill Entrainer Assembly, L.H. (Items 1-2, 5-25)
B	G11043503	-	Bulk Fill Entrainer Assembly, R.H. (Items 1-22, 25)

(IP1615)



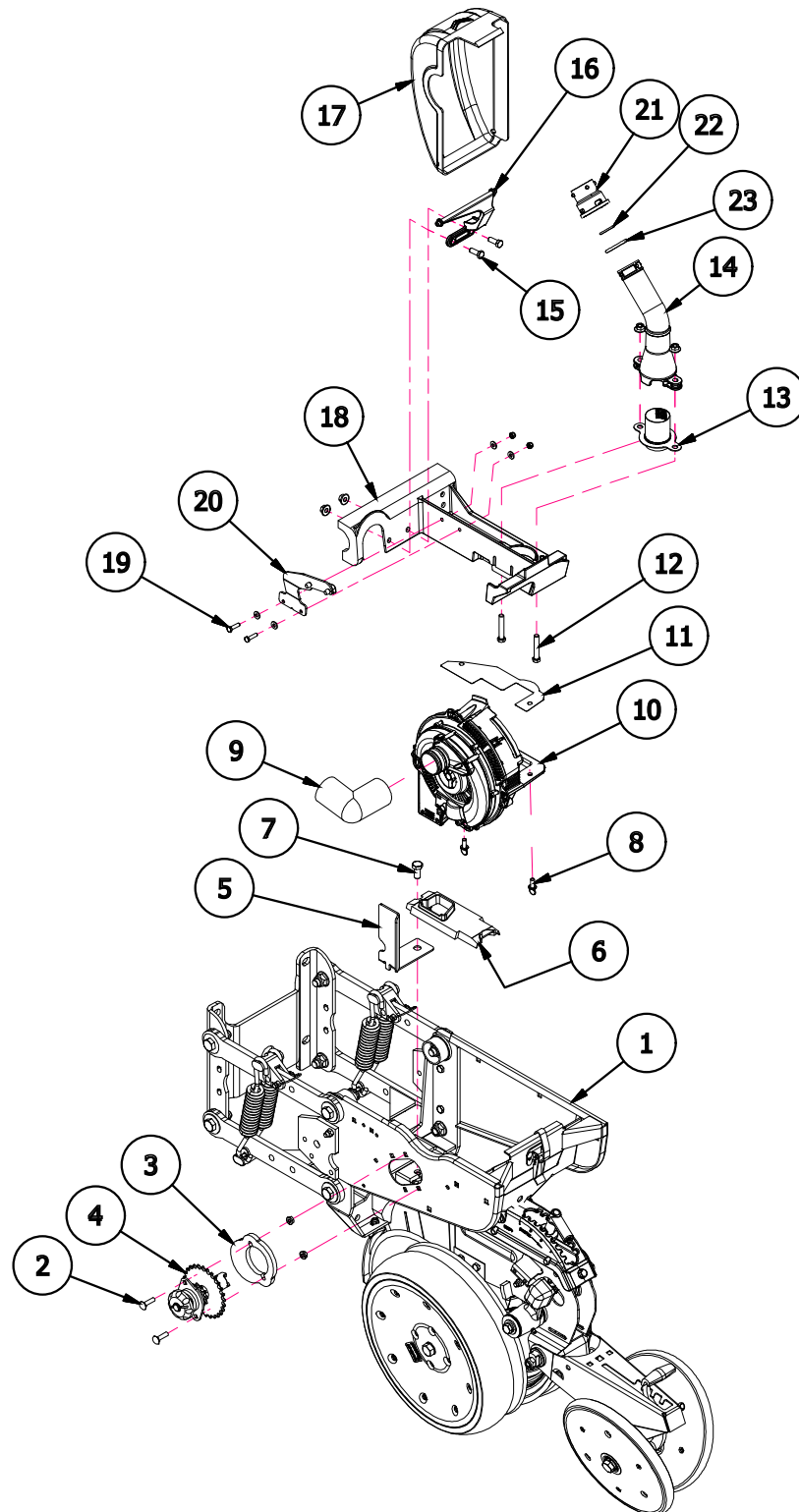
ITEM	PART NO.	QTY.	DESCRIPTION
1	GB0673	1	Bulk Fill Tank Lid
2	GD35844	2	Top Ring Mount Plate
3	G10132501	10	Hex Flange Head Cap Screw, 1/4"-20 x 1-3/4"
	GD24754	4	Foam Seal
4	**GD35274-01	1	Black Ribbon Sealer, 66.5" (Length used for one lid)
5	GB0905	2	Lid Seal Ring Spacer
6	GD35857	6	Foam Seal Washer
7	GB1206	1	Bulk Fill Tank Lid Latch
8	GB0675	1	Bulk Fill Tank Lid Seal
9	GD24386	6	Bulk Fill Tank Lid Seal Ring Segment
10	G11522	18	Phillips Pan Head Tapping Screw, 8-18 x 5/8"
11	G10489201	1	Tank, 40 Bushel (~1400 L)
12	GD20923	2	Entrainer Mount Tap Block, Short
13	G10057501	2	Entrainer Mount Tap Block, Long
14	G10630001	1	Bulk Fill Tank Front Frame
15	G10629601	1	Bulk Fill Tank Rear Frame
16	GA14040	1	Bulk Fill Rear Tank Mount
17	GD20037	1	Pin, 1" x 5-3/8"
	G10201	2	Special Washer, 3/8" x 1 1/2" O.D.
	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
18	G10027	2	Hex Head Cap Screw, 3/4"-10 x 2 1/2"
	G11392	2	Flat Washer, 3/4" SAE
19	G10109101	1	Entrainer Adapter, 18 Row
	GD19690-05	1	Ribbon Sealer, 8.25'
	GD19690-06	1	Ribbon Sealer, 9'
	G10961	8	Flanged Whiz Lock Screw, 5/16"-18 x 3/4", No Serration
20	GD24879-01	1	Rope Tether, 36"
21	G10302503	1	Foam Cord, .3125" x 78.651"
22	G11848	14	Hex Socket Head Cap Screw, 3/8"-16 x 1-1/4"
	GD27215	1	Silicone Sealer, Dow Corning 732, Clear
23	G11528	1	Hex Nut W/External Tooth Washer, 1/4"-20
	G11249	2	External Tooth Washer, 1/4"
	GD27607	1	Ground Strap
24	G11182	4	Lock Nut W/Nylon Insert, 5/16"-18
	G11386	5	Flat Washer, 5/16" SAE
	G10171	4	Hex Head Cap Screw, 5/16"-18 x 1 1/4"
25	GD20035	2	Pin, 1 1/2" x 11 1/4"
26	G10599	12	Carriage Bolt, 3/8"-16 x 1 1/4"
	G11387	20	Flat Washer, 3/8" SAE
	G10108	16	Lock Nut, 3/8"-16
27	G10325	4	Hex Head Cap Screw, 3/8"-16 x 2 3/4"
28	GA14041	3	Bulk Fill Tank Mount
29	GA14052	1	Rear Tank Mount
30	GD20036	1	Pin, 1 1/2" x 7"
31	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G11091	4	Serrated Flange Nut, 3/8"-16
32	G10428101	1	Kinze Tank Logo
A	G10129501	-	Bulk Fill Lid Seal Assembly, (Items 7-10)
**Item only available in bulk (21.75")			

(102886)



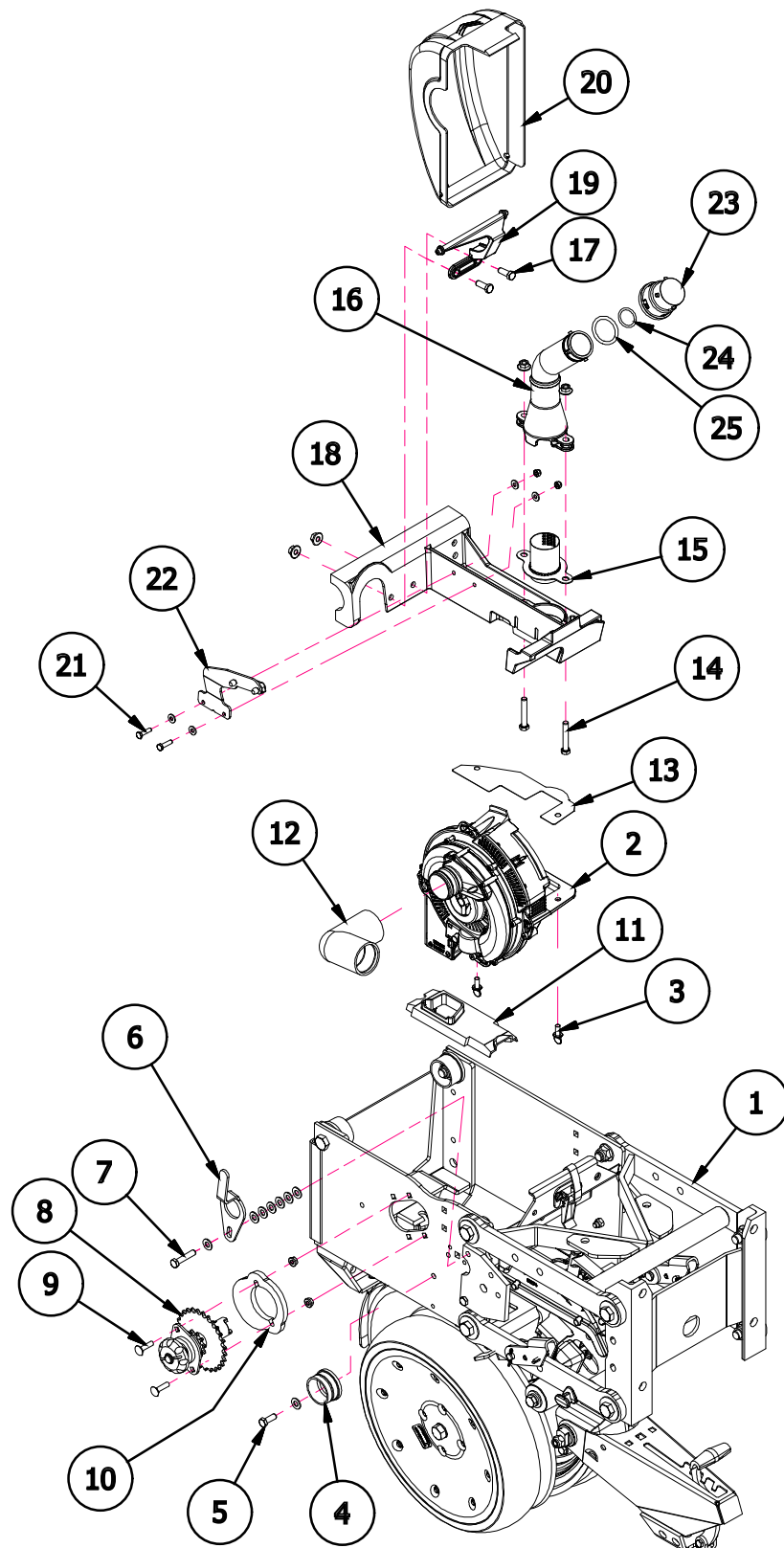
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11284	2	Serrated Flange Nut, #10-32
2	G11065	4	Phillips Pan Head Machine Screw, No. 8-32 x 5/8", Stainless Steel
3	G10931	4	Lock Washer, No. 8, Internal/External, Stainless Steel
4	G10251	4	Hex Nut, No. 8-32
5	G11401	3	Phillips Pan Head Machine Screw, #10-32 x 3/4"
6	G10257	3	Lock Washer, No. 10
7	G10758	3	Hex Nut, No. 10-32
8	---	-	---
9	---	-	---
10	G10023	6	Hex Head Cap Screw, 1/4"-20 x 3/4"
11	G10621	6	Serrated Flange Nut, 1/4"-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	G10488901	1	PHD28 Scale Display
16	G10267101	1	Scale Display Bezel
17	G10002701	1	Scale CAN Module
18	G10265001	1	Module Mounting Bracket
19	---	-	---
20	G10242801	1	PHD28 Scale Cable
21	G10266901	1	CAN Stub Harness (Ground Contact Drive)
	G10286102	1	CAN Stub Harness (Blue Drive)
22	GA14135	6	Load Cell
23	G10325	12	Hex Head Cap Screw, 3/8"-16 x 2 3/4"
24	G10108	12	Lock Nut, 3/8"-16

(IP1636)



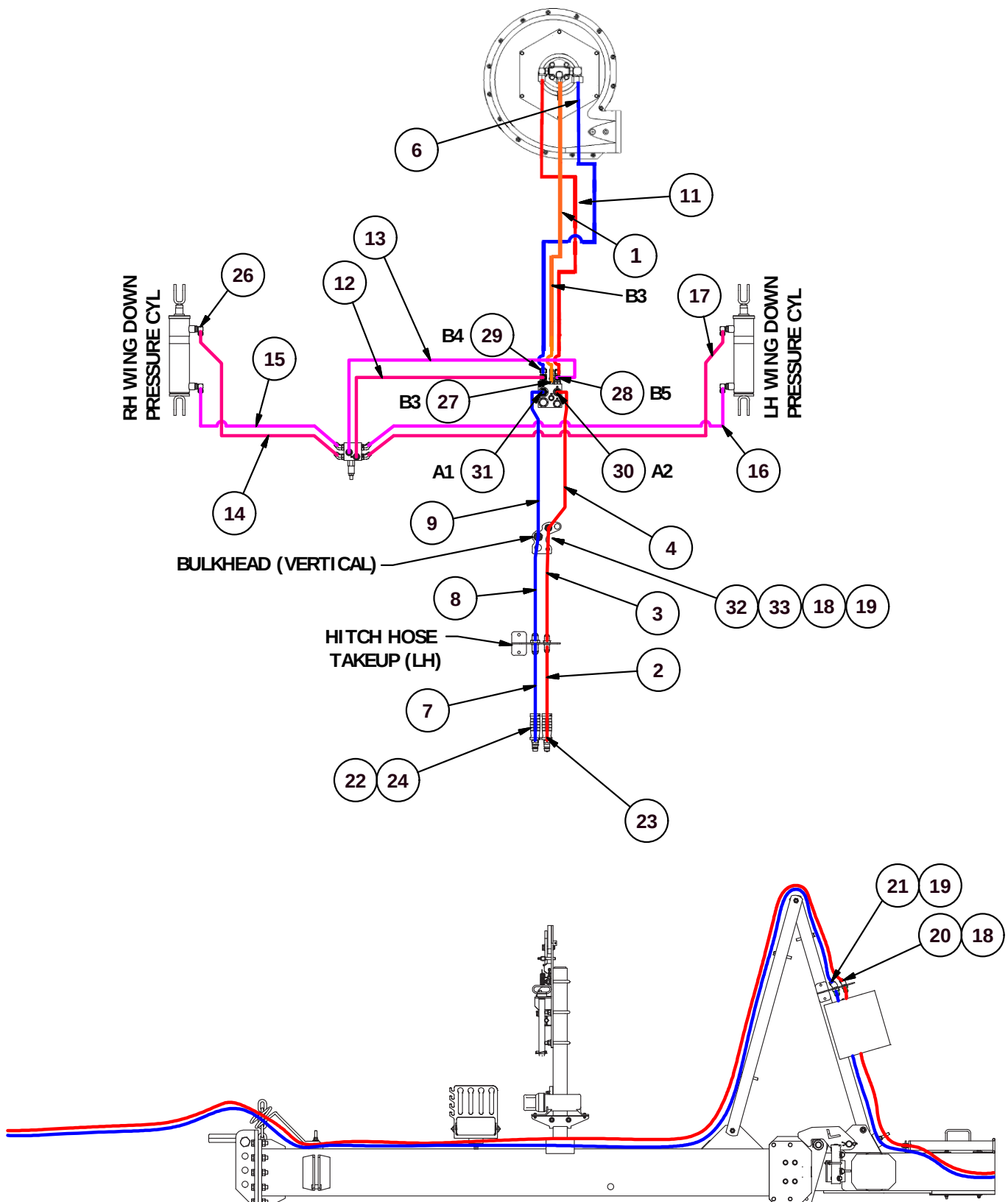
ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3 See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P7
2	G10338	2	Carriage Bolt, 5/16"-18 x 1 1/4"
	G10620	2	Serrated Flange Nut, 5/16"-18
3	GB0331	1	Clutch Adapter Plate
4	GA20640	1	Seed Meter Clutch Assembly, 11/28 Tooth
5	GD29798	1	Chain Guard Bracket
6	GB0926	1	Shank Cover
7	G10014	1	Hex Head Cap Screw, 1/2"-13 x 1"
	G10071	1	Serrated Flange Nut, 1/2"-13
8	GA9546	1	Metre Hardware Bag (Thumb Screws)
	G11009	2	Locking Thumbscrew, 5/16"-18 x 3/4" (Included W/GA9546)
9	GB1313	1	Elbow, 90°, 1.5"
10	---	-	See "Vacuum Seed Meter" on page P29
11	GD29413	1	Hopper Shim
12	G10939	2	Hex Head Cap Screw, 3/8"-16 x 2 1/4"
	G11091	4	Serrated Flange Nut, 3/8"-16
13	GB0901	1	Air Dissipator Screen
14	GB0455	1	Bulk Fill Air Pressure Dissipator
15	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
16	GB0717	1	Vacuum Meter Cover Hinge
17	GB0428	1	Vacuum Meter Cover
18	GA25304	1	Meter Mount W/Inserts
19	G10064	2	Hex Head Cap Screw, 1/4"-20 x 1"
	G10110	2	Lock Nut, 1/4"-20, Grade B
	G11385	4	Flat Washer, 1/4" SAE
20	GA21309	1	Meter Support Assembly
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 "Split Row Push Unit Assembly" on page P63
2	---	-	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	1	Hex Head Cap Screw, 3/8"-16 x 1"
	G10108	1	Lock Nut, 3/8"-16
	G11387	8	Flat Washer, 3/8" SAE
6	G10180301	1	Vacuum Hose Guide
7	G10047	1	Hex Head Cap Screw, 3/8"-16 x 1 3/4"
8	GA20640	1	Seed Meter Clutch Assembly, 11/28 Tooth
9	G10338	2	Carriage Bolt, 5/16"-18 x 1 1/4"
	G10620	2	Serrated Flange Nut, 5/16"-18
10	GB0331	1	Clutch Adapter Plate
11	GB0926	1	Shank Cover
12	GB1313	1	Elbow, 90°, 1.5"
13	GD29413	1	Hopper Shim
14	G10939	2	Hex Head Cap Screw, 3/8"-16 x 2 1/4"
	G11091	4	Serrated Flange Nut, 3/8"-16
15	GB0901	1	Air Dissipator Screen
16	GB0455	1	Bulk Fill Air Pressure Dissipator
17	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
18	GA25304	1	Meter Mount W/Inserts
19	GB0717	1	Vacuum Meter Cover Hinge
20	GB0428	1	Vacuum Meter Cover
21	G10064	2	Hex Head Cap Screw, 1/4"-20 x 1"
	G11385	4	Flat Washer, 1/4" SAE
	G10110	2	Lock Nut, 1/4"-20, Grade B
22	GA21309	1	Meter Support Assembly
23	GB0430	1	Bulk Fill Large Cap
24	GD19508	1	Small O-Ring
25	GD19509	1	O-Ring, Large

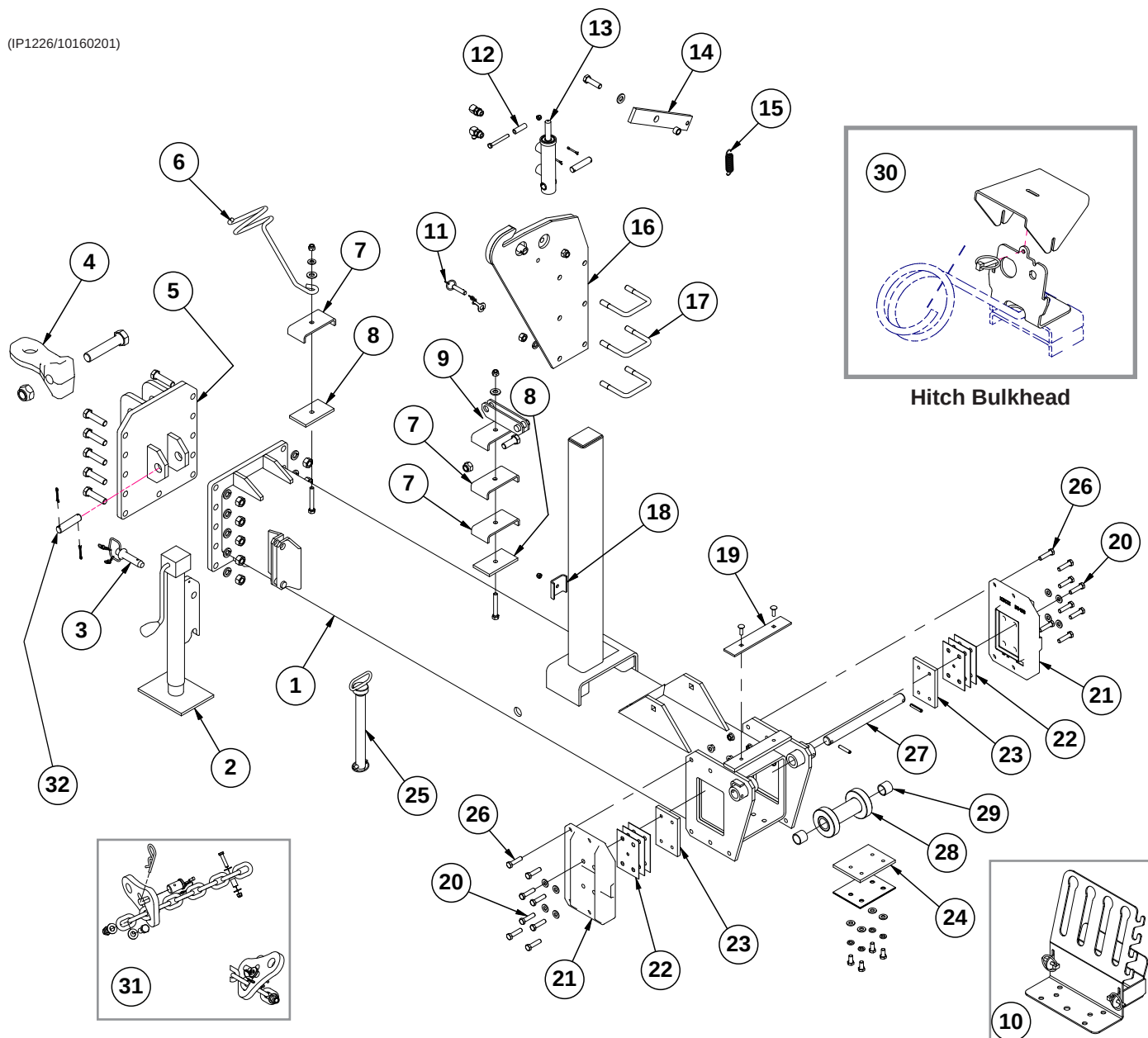
(103740)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A12095	1	Hose Assembly, 3/8" x 80" (06F-06F)
2	*A18693-250	1	Hose Assembly, 1/2" x 250" (10F - 1/2M NPTF), W/Extension, W/Tip, 16 Row
	*A18693-237	1	Hose Assembly, 1/2" x 237" (10F - 1/2M NPTF), W/Extension, W/Tip, 12 Row
3	*A12751	1	Hose Assembly, 1/2" x 142 1/2" (10F-10F), 16 Row
	*A1478	1	Hose Assembly, 1/2" x 128" (10F-10F), 12 Row
4	*A1464	1	Hose Assembly, 1/2" x 72" (10F-10F)
5	---	-	---
6	*A11459	1	Hose Assembly, 5/8" x 123" (12F-12F)
7	*A21548-250	1	Hose Assembly, 5/8" x 250" (12F - 1/2 Male NPTF), W/Extension, W/Tip, 16 Row
	*A21548-237	1	Hose Assembly, 5/8" x 237" (12F - 1/2 Male NPTF), W/Extension, W/Tip, 12 Row
8	*A11442	1	Hose Assembly, 5/8" x 137 1/2" (12F-12F), 16 Row
	*A11459	1	Hose Assembly, 5/8" x 123" (12F-12F), 12 Row
9	*A11443	1	Hose Assembly, 5/8" x 73" (12F-12F)
10	---	-	---
11	*A18666-130	1	Hose Assembly, 1/2" x 130" (10F-10F)
12	*A12752	1	Hose Assembly, 1/2" x 23" (10F-12F)
13	*A12085	1	Hose Assembly, 3/8" x 26" (08F-10F)
14	*A3152	1	Hose Assembly, 3/8" x 62"
15	*A1053	1	Hose Assembly, 3/8" x 72" (08F-08F)
16	*A1027	1	Hose Assembly, 3/8" x 182"
17	*A1030	1	Hose Assembly, 3/8" x 192"
18	G306-10	2	Lock Nut, 7/8"-14
19	G306-12	2	Lock Nut, 1 1/16"-12
20	G2702-10	1	Bulkhead Elbow, 45°, 7/8"-14 Male JIC
21	G2702-12	1	Bulkhead Elbow, 45°, 1 1/16"-12 Male JIC
22	GD25522	1	Hydraulic Tip Cover
23	GA26924-07	1	Hose Label Cover Assembly, Yellow Extend
24	GA26924-08	1	Hose Label Cover Assembly, Yellow Retract
25	---	-	---
26	G6801-08	4	Elbow W/O-Ring, 90°, 3/4"-16 x 3/4"-16
27	G6602-06	1	Swivel Tee, 9/16"-18 JIC
28	G6804-10	1	Adjustable Tee W/O-Ring, 7/8"-14 Male JIC To O-Ring
29	G6804-12	1	Adjustable Tee W/O-Ring, 1 1/16"-12 Male JIC To O-Ring
30	G6400-10	1	Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring
31	G6400-12	1	Connector, W/O-Ring, 1 1/16"-12 Male JIC To O-Ring
32	G2700-10	1	Union, Bulkhead 7/8"-14 JIC
33	G2700-12	1	Union, Bulkhead 1-1/16"-12 JIC

*Hydraulic hose is not stocked by Kinze Repair Parts.

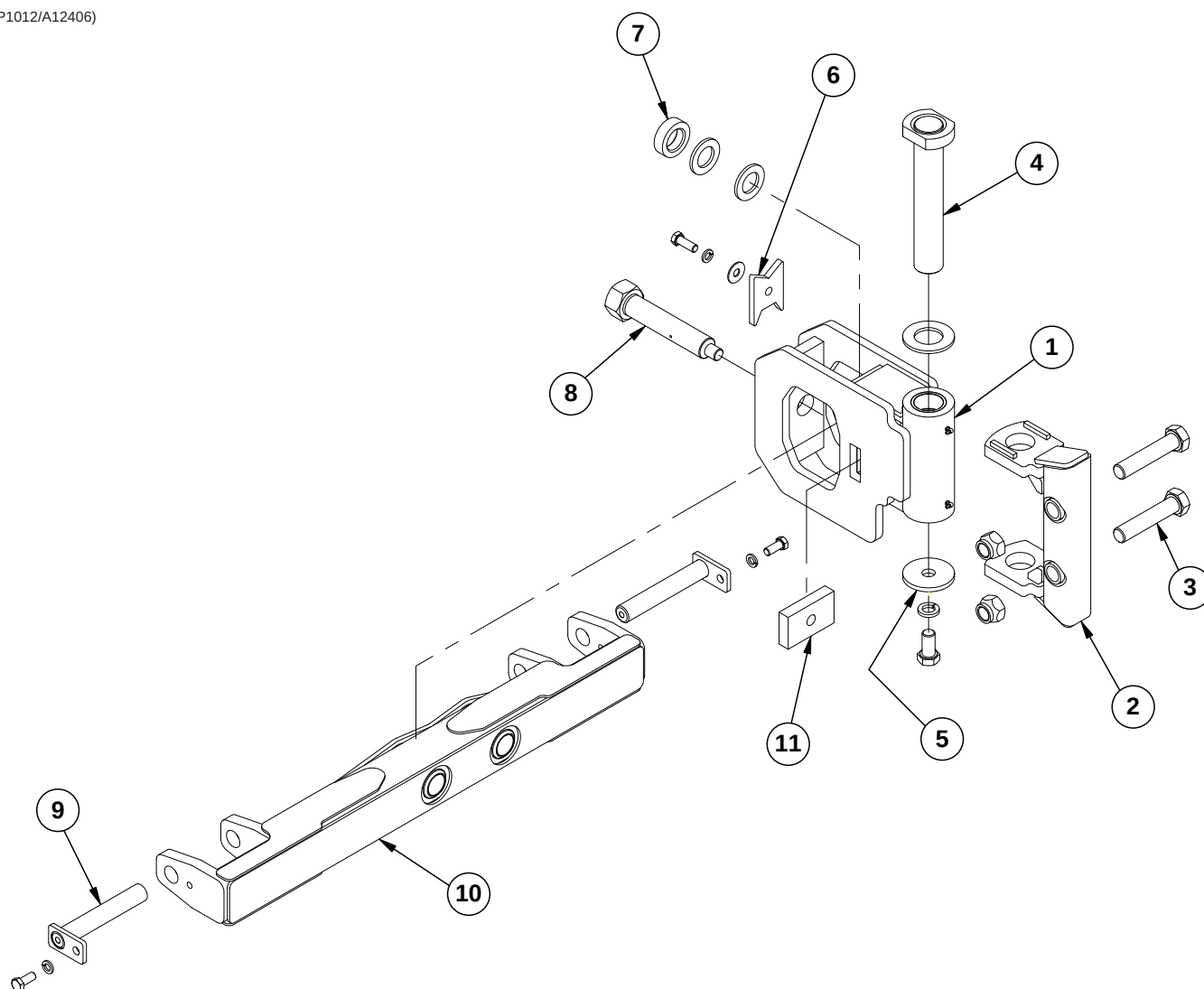
(IP1226/10160201)



ITEM	PART NO.	QTY.	DESCRIPTION
1	A14310	-	Outer Hitch, 12 Row (Non-Stock Item)
	A18288	-	Outer Hitch, 16 Row (Non-Stock Item)
2	G11044501	1	Jack Assembly Complete
3	GA4995	1	Detent Pin Assembly
4	G10694601	1	Ball Hitch Assembly
	G10169	1	Hex Head Cap Screw, 1¼"-7 x 6"
	G10157	1	Lock Nut, 1¼"-7
5	GA9837	1	Hitch Mount
	G10028	11	Hex Head Cap Screw, ¾"-10 x 3"
	G11392	22	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

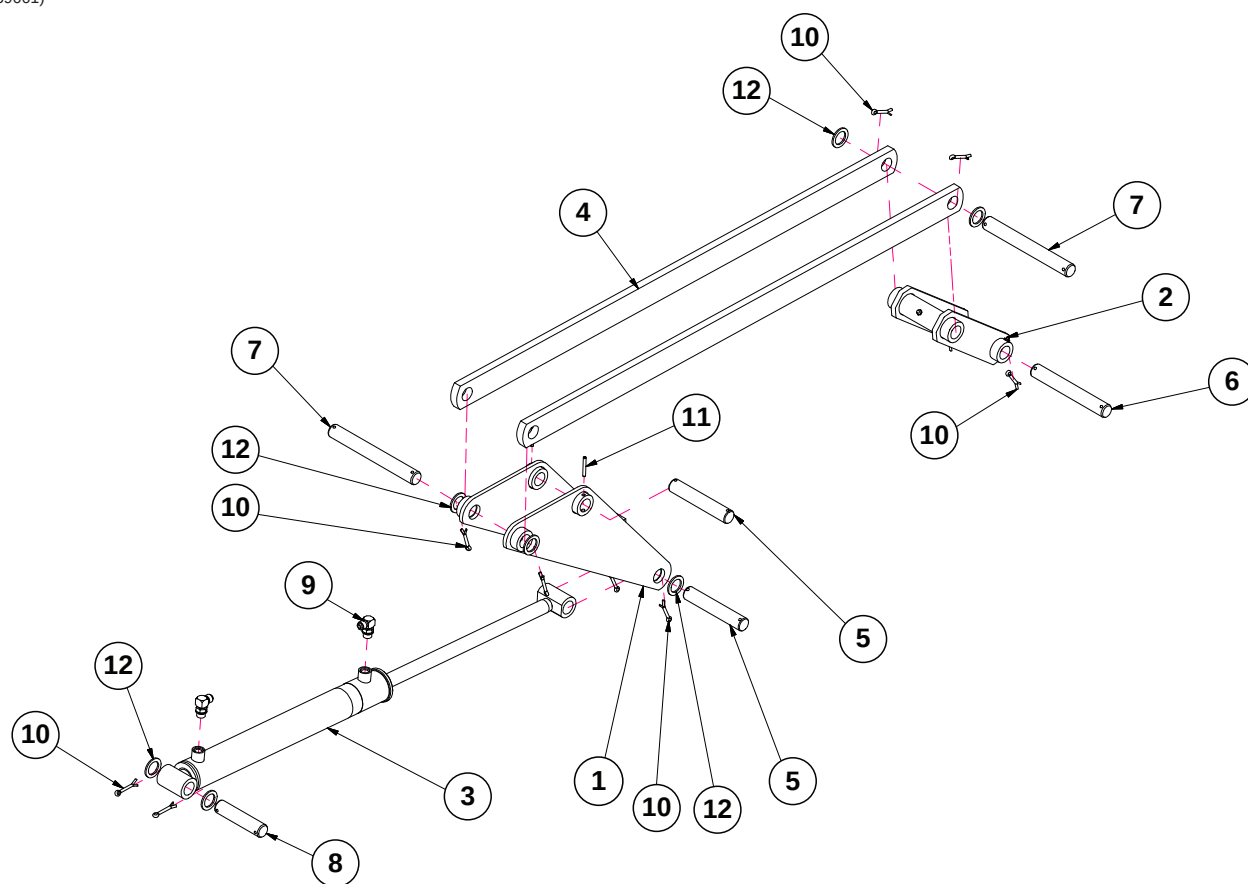
ITEM	PART NO.	QTY.	DESCRIPTION
7	GD8188	3	Hose Clamp, $\frac{7}{8}$ " x 3" x $5\frac{3}{8}$ "
8	GD8189	2	Rubber Strip, $\frac{3}{8}$ "
9	GA5842	1	Bracket, Jack Mount
	G10026	1	Hex Head Cap Screw, $\frac{3}{4}$ "-10 x 2"
	G10112	1	Lock Nut, $\frac{3}{4}$ "-10
10	GA25760	1	Hydraulic Hose Holder
	GD2558	-	Lynch Pin, 1/4" (Included W/GA25760)
	GA25763	-	Hydraulic Hose Holder Cup (Included W/GA25760)
	GD35727	-	Hydraulic Hose Holder (Included W/GA25760)
11	GA7022	1	Detent Pin W/Chain (Transport Latch Locking Pin)
12	GD2971-09	1	Sleeve, 2" Long
	G10809	1	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $3\frac{1}{4}$ "
	G10108	1	Lock Nut, $\frac{3}{8}$ "-16
13	GA9559	1	See "Transport Latch Cylinder" on page P177
	G6801-06-08	2	Elbow W/O-Ring, 90°, $\frac{9}{16}$ "-18 Male JIC To $\frac{3}{4}$ "-16 O-Ring
	GD7137	1	Pin, $\frac{3}{4}$ " x $3\frac{3}{8}$ "
	G10457	2	Cotter Pin, $\frac{5}{32}$ " x $1\frac{1}{2}$ "
14	GA7016	1	Catch Bar
	GB0218	1	Bushing, $2\frac{1}{32}$ " I.D. x $\frac{7}{8}$ " O.D. x $1\frac{9}{32}$ " Long
	G10006	1	Hex Head Cap Screw, $\frac{5}{8}$ "-11 x $2\frac{1}{4}$ "
	G10107	1	Lock Nut, $\frac{5}{8}$ "-11
	G11391	1	Flat Washer, $\frac{5}{8}$ ", SAE
15	GD5857	1	Spring
16	GA7433	1	Transport Catch
	G10765	1	Spring Pin, $\frac{1}{4}$ " x 1"
17	GD32368	3	U-Bolt, 3" x 4" x $\frac{5}{8}$ "-11
	G11391	7	Flat Washer, $\frac{5}{8}$ ", SAE
	G10107	6	Lock Nut, $\frac{5}{8}$ "-11
18	GD5875	1	Hose Clamp, $\frac{9}{16}$ " x $2\frac{1}{2}$ " x 2"
	G10108	1	Lock Nut, $\frac{3}{8}$ "-16
19	GD20728	1	Spacer Bar
	G10599	2	Carriage Bolt, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ "
	G10108	2	Lock Nut, $\frac{3}{8}$ "-16
20	G10016	4	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 2"
	G11389	4	Flat Washer, $\frac{1}{2}$ ", 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, $\frac{3}{8}$ "
	GD7519	3	Shim, 16 Gauge (.0598")
	G10014	4	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 1"
	G10228	4	Lock Washer, $\frac{1}{2}$ "
	G11389	4	Flat Washer, $\frac{1}{2}$ " Plated SAE
25	GA13768	1	Safety Pin, $12\frac{3}{4}$ "
26	G10016	8	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 2"
	G10071	8	Serrated Flange Nut, $\frac{1}{2}$ "-13
27	GD7251	1	Pin, $1\frac{1}{4}$ " x 14"
	G10610	2	Spring Pin, $\frac{3}{8}$ " x 2"
28	GA4843	1	Roller
29	GD6556	2	Bronze Bushing
30	GD35761	1	Bulkhead Cover
	G10163001	1	Hitch Bulkhead
	GD2558	1	Lynch Pin, 1/4"
31	G9978X	1	Safety Chain Package
32	GD0826	1	Pin, 1 $\frac{1}{4}$ " x 5 $\frac{1}{2}$ "
	G10460	2	Cotter Pin, $\frac{1}{4}$ " x 2"
A	GA14943	-	Wear Pad Retainer Assembly, (Items 20-23)
B	GA4842	-	Roller Assembly, (Items 28 and 29)

(IP1012/A12406)



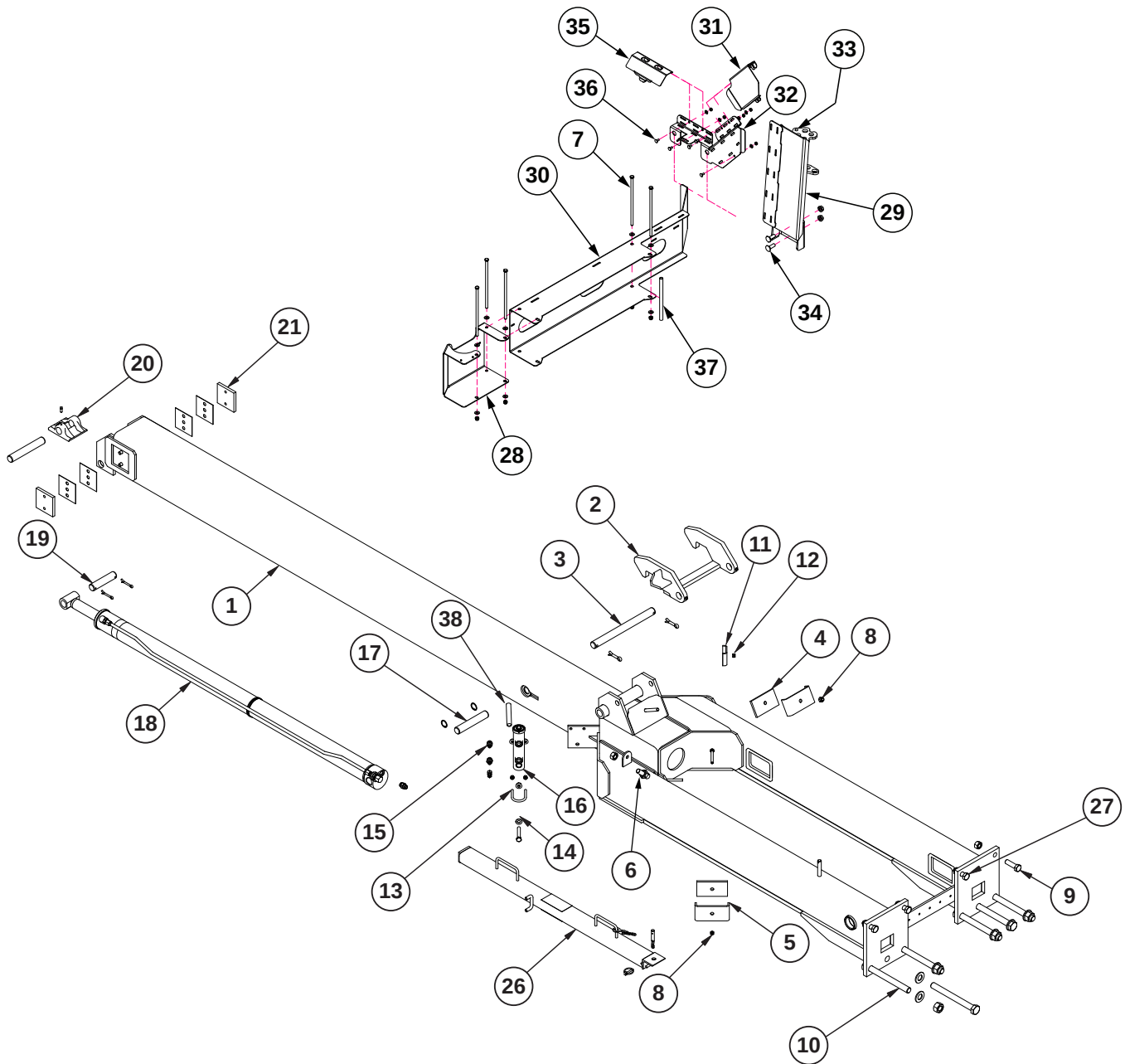
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA13665	1	Hitch Pivot
2	GA13783	1	Pivot Mount
3	G10169	2	Hex Head Cap Screw, 1 1/4"-7 x 6"
	G10157	2	Lock Nut, 1 1/4"-7
4	GA12163	1	Pin, 13 3/8"
	GD15725	1	Washer, 4" O.D. x 2 1/4" I.D. x 1/4"
5	GD17245	1	Washer, 4" O.D. x 1 1/32" I.D. x 3/8"
	G11223	1	Hex Head Cap Screw, 1"-8 x 2"
	G10118	1	Lock Washer, 1"
6	GD15100	1	Pivot Lock
	G11391	1	Flat Washer, 5/8" SAE
	G10005	1	Hex Head Cap Screw, 7/8"-11 x 1 3/4"
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 1/4" Thick
8	GA13673	1	Pivot Pin
9	GA11079	2	Hammer Strap, Category 3 And 3N
	G10007	2	Hex Head Cap Screw, 5/8"-11 x 1 1/2"
	G10230	2	Lock Washer, 5/8"
10	GA12164	1	Hitch Bar
11	GD19468	1	Tapped Bar

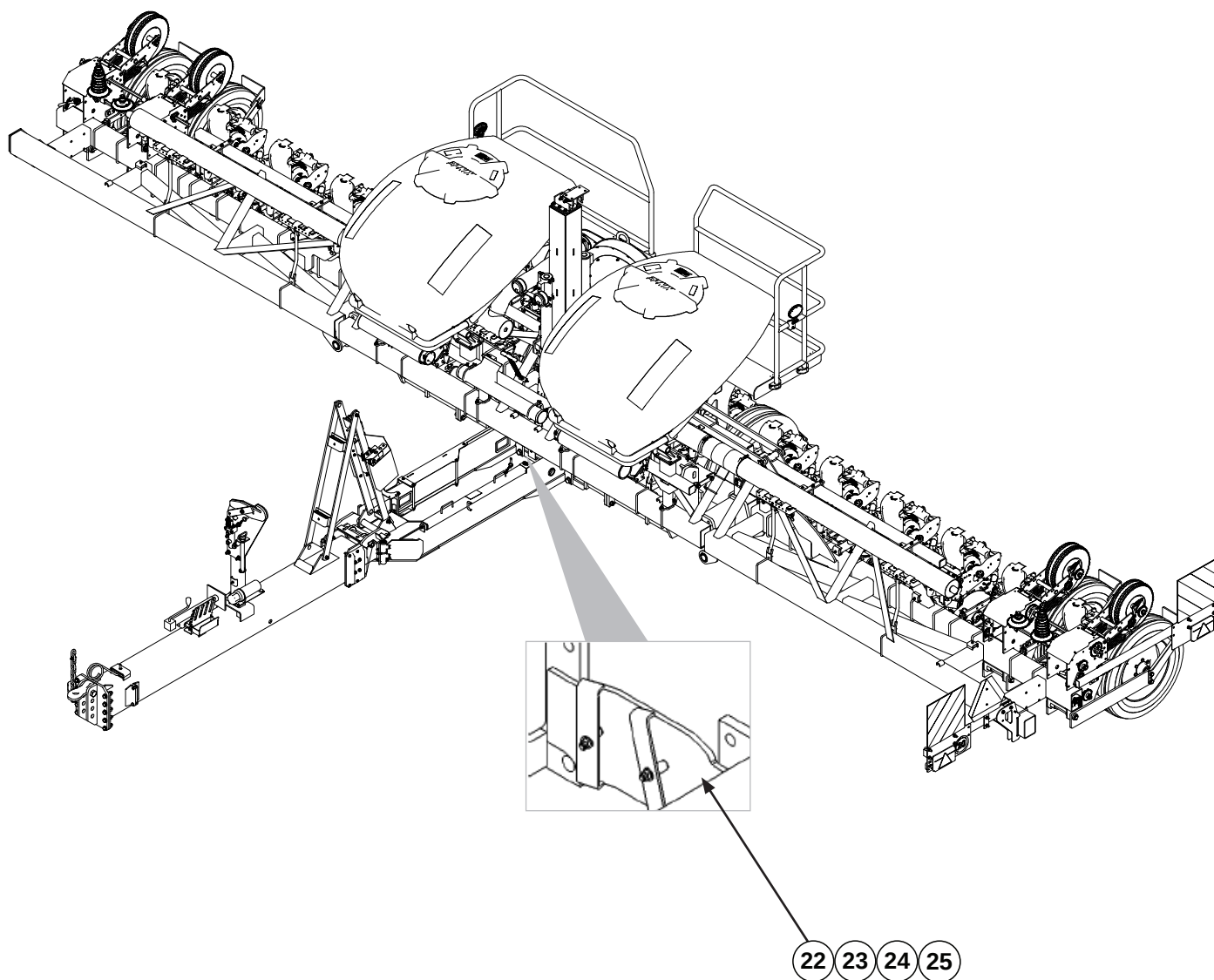
(10159001)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA7019	1	Toggle Link
2	GA7018	1	Wing Link
3	GA21115	1	See "Wing Lock Cylinder" on page P176
4	GD10049	2	Wing Link Bar
5	GD9955	2	Pin, 1 1/4" x 7"
6	GD9963	1	Pin, 1 1/4" x 9"
7	GD9964	2	Pin, 1 1/4" x 10 1/2"
8	GD0826	1	Pin, 1 1/4" x 5 1/2"
9	G6801-08	2	Elbow W/O-Ring, 90°, 3/4"-16 x 3/4"-16
10	G10460	10	Cotter Pin, 1/4" x 2"
11	G10606	2	Spring Pin, 1/4" x 2"
12	G10159	8	Washer, 1 7/8", 10 Gauge (.1345")

(innerhitch)

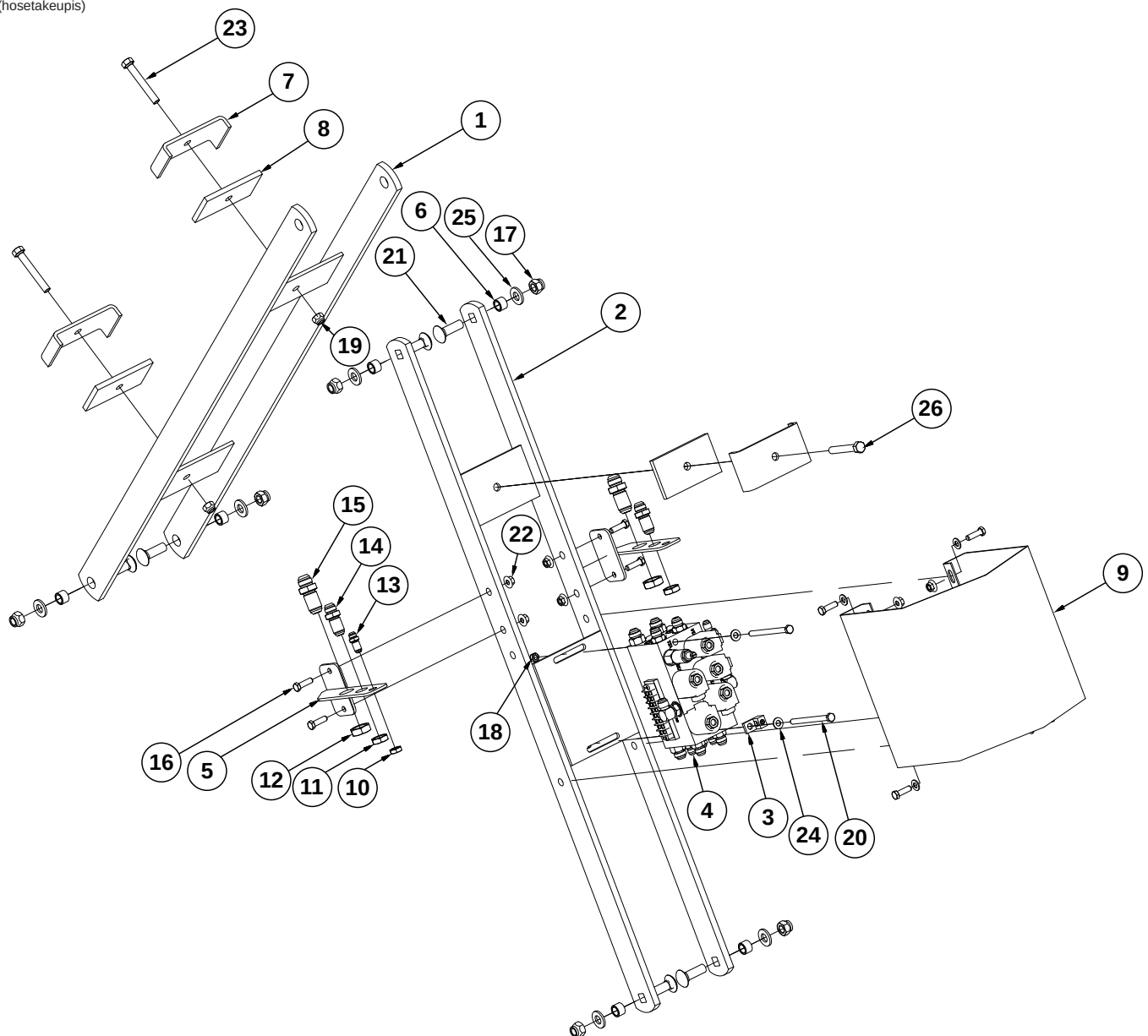




ITEM	PART NO.	QTY.	DESCRIPTION
1	A18957	1	Inner Hitch, 12 Row (Non-Stock Item)
	A18289	1	Inner Hitch, 16 Row (Non-Stock Item)
2	GA7424	1	Tongue Hook W/Grease Fittings Grease Fitting, 1/8" NPT
	G10641	2	Grease Fitting, 1/8" NPT (Included W/GA7424)
3	GD7883	1	Pin, 1 1/4" x 14 1/2"
	G10468	2	Cotter Pin, 3/8" x 2"
4	GD8189	2	Rubber Strip, 3/8"
5	GD8188	2	Hose Clamp, 7/8" x 3" x 5 3/8"
6	GD19655	1	Hold Up Pin, 1/2"-13
	G10071	1	Serrated Flange Nut, 1/2"-13
7	G11975	5	Hex Head Cap Screw, 3/8"-16 x 10", Grade 5
	G10108	5	Lock Nut, 3/8"-16
	G11387	10	Flat Washer, 3/8" SAE
8	G10111	1	Lock Nut, 1/2"-13
	G11387	1	Flat Washer, 3/8"
9	G11313	3	Hex Head Cap Screw, 3/4"-10 x 3, Grade 8
	GD2169	5	Special Washer, 25/32" I.D. x 1 1/4" O.D., Hardened
	G10436	3	Hex Nut, 3/4"-10

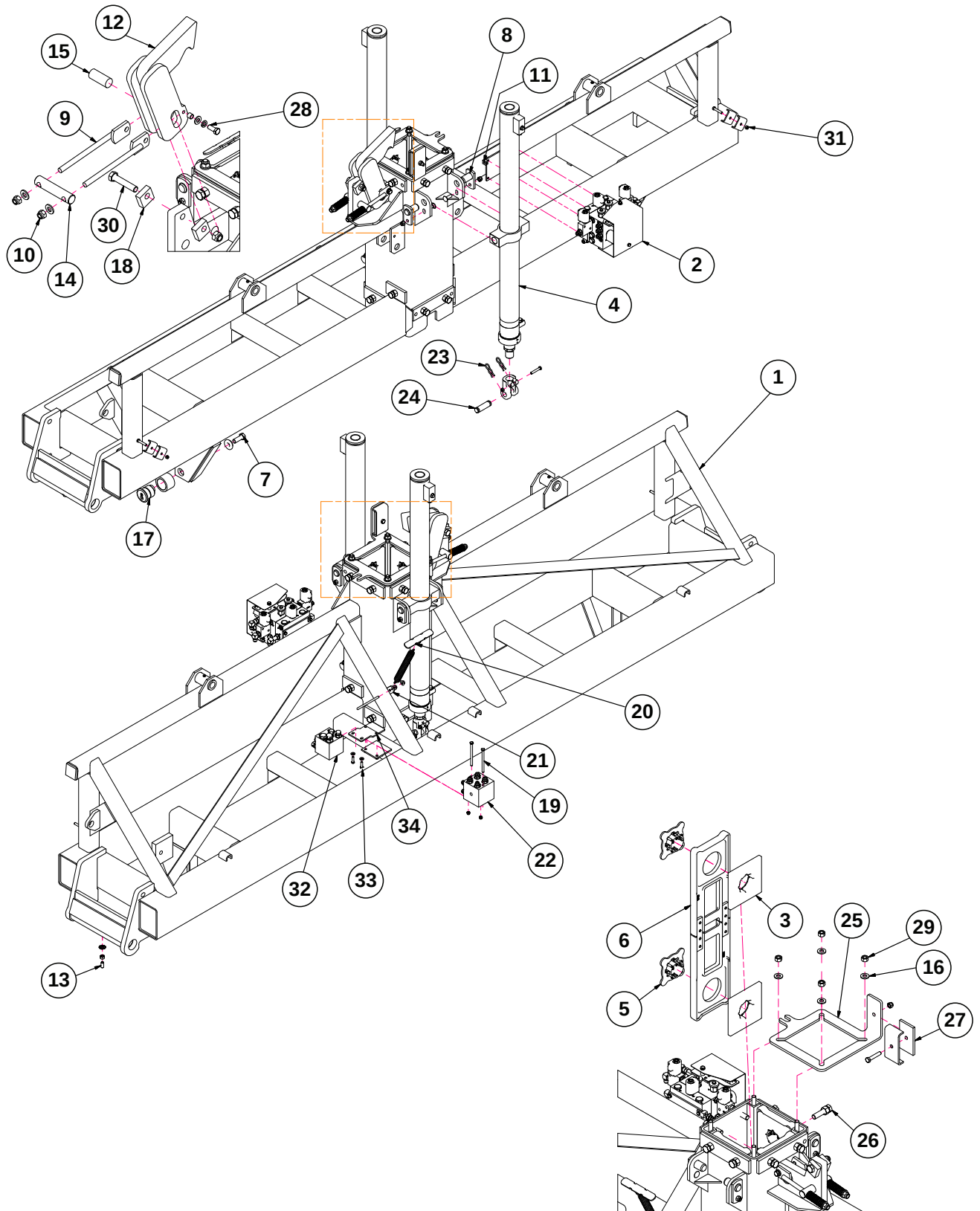
ITEM	PART NO.	QTY.	DESCRIPTION
10	G10808	6	Hex Head Cap Screw, 1"-8 x 10", Grade 8
	G11394	12	Flat Washer, 1" SAE
	G10647	6	Hex Nut, 1"-8, Grade 8
11	GD5875	1	Hose Clamp, 9/16" x 2 1/2" x 2"
12	G10108	2	Lock Nut, 3/8"-16
13	GD10530	1	U-Bolt, 2 1/8" x 1 7/8" x 3/8"-16
	G10101	2	Hex Nut, 3/8"-16
	G11091	2	Serrated Flange Nut, 3/8"-16
14	G11389	1	Flat Washer, 1/2" SAE
	G10585	1	Hex Head Cap Screw, 1/2"-13 x 3 1/4"
	G10071	1	Serrated Flange Nut, 1/2"-13
15	G6400-06-08	2	Connector W/O-Ring, 9/16"-18 Male JIC To 3/4"-16 O-Ring
	GR1037	-	O-Ring
16	GA9205	1	See "Tongue Lock Cylinder" on page P177
17	GD3537-20	1	Shaft, 1 1/4" x 7 1/8"
	G11230	2	Retaining Ring
18	---	-	See "Tongue Cylinder" on page P178
	G6400-08	1	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
19	GD0826	1	Pin, 1 1/4" x 5 1/2"
	G10460	2	Cotter Pin, 1/4" x 2"
20	GB0246	1	Hitch Shoe
	GD3537-12	1	Shaft, 1 1/4" x 8", 16 Row 30"
	G10131	1	Square Head Set Screw, 5/16"-18 x 3/4"
21	GD9959	2	Wear Pad, Nylatron, 4" x 4"
	GD5154	4	Shim, 4" x 4"
	G10017	4	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
	G11389	4	Flat Washer, 1/2" SAE
22	GD1026	2	Bushing
23	G11015101	2	Hose Clamp
24	G10901	2	Lock Nut W/Nylon Insert, 3/8"-16
25	G11387	2	Hardened Washer, 3/8" SAE
26	GA7098	1	Manual Safety Lockup W/Detent Pin
	GA7022	1	Detent Pin W/Chain (Included W/GA7098)
	GD2558	1	Lynch Pin, 1/4" (Included W/GA7022 and GA7098)
27	G10437	1	Hex Head Cap Screw, 3/4"-8 x 2 1/2", Grade 8
	G11314	1	Serrated Flange Nut, 3/4"-10
28	G10091001	1	Debris Shield
29	G10091901	1	Bulkhead Mount
30	G10090901	1	Harness Channel
31	G10090801	1	Diagonal Harness Cover
32	G10091101	1	Center France Electric Plate
33	G10102	1	Hex Nut, 1/2"-13
	GA6608	1	Cable Guide
34	G10636	2	Carriage Bolt, 1/2"-13 x 1 1/2"
	G10071	2	Serrated Flange Nut, 1/2"-13
35	G10091201	1	Center Cover
36	G10309	5	Carriage Bolt, 1/4"-20 x 5/8", Grade 5
	G10103	5	Hex Nut, 1/4"-20
	G11385	5	Flat Washer, 1/4" SAE
37	G10091301	2	Tube, 9/16" O.D. x .433 I.D. x 8.688
38	GD10538-01	1	Sleeve, 3/4" OD X .532 ID X 2.063

(hosetakeupis)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18961	1	Front Hose Take-Up, 12 Row
	GA18296	1	Front Hose Take-Up, 16 Row
2	GA18960	1	Rear Hose Take-Up, 12 Row
	GA18297	1	Rear Hose Take-Up, 16 Row
3	GA3584	-	Ground Clamp
4	GA7023	-	See "Valve Block - Located on Hitch" on page P186
5	GA14519	2	Hose Take-Up Bulk Head
6	GB0218	6	Bushing, $2\frac{1}{32}$ " I.D. x $\frac{7}{8}$ " O.D. x $1\frac{19}{32}$ " Long
7	GD8188	2-3	Hose Clamp, $\frac{7}{8}$ " x 3" x $5\frac{3}{8}$ "
8	GD8189	2-3	Rubber Pad
9	GD9952	1	Cover
	G10004	8	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ "
	G11091	8	Serrated Flange Nut, $\frac{3}{8}$ "-16
10	G306-06	1	Lock Nut, $\frac{9}{16}$ "-18
11	G306-10	2	Lock Nut, $\frac{7}{8}$ "-14
12	G306-12	2	Lock Nut, $1\frac{1}{16}$ "-12
13	G2700-06-06	-	Bulkhead Tube Union, $\frac{9}{16}$ "-18 Male JIC
14	G2700-10	-	Bulkhead Tube Union, $\frac{7}{8}$ "-14 Male JIC
15	G2702-12	-	45° Bulkhead Tube Union, $1\frac{1}{16}$ "-12 Male JIC
16	G10004	-	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ "
17	G10107	-	Lock Nut, $\frac{5}{8}$ "-11
18	G10108	-	Lock Nut, $\frac{3}{8}$ "-16
19	G10111	3	Lock Nut, $\frac{1}{2}$ "-13
20	G10172	2	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 5"
21	G10689	6	Carriage Bolt, $\frac{5}{8}$ "-11 x 2"
22	G11091	-	Serrated Flange Nut, $\frac{3}{8}$ "-16
23	G11232	2	Hex Head Cap Screw, 1/2"-13 x 4", Grade 5
24	G11387	6	Flat Washer, $\frac{3}{8}$ " SAE
25	G11391	6	Flat Washer, $\frac{5}{8}$ " SAE
26	G11170	1	Hex Head Tap Bolt, $\frac{1}{2}$ "-13 x $3\frac{1}{2}$ "

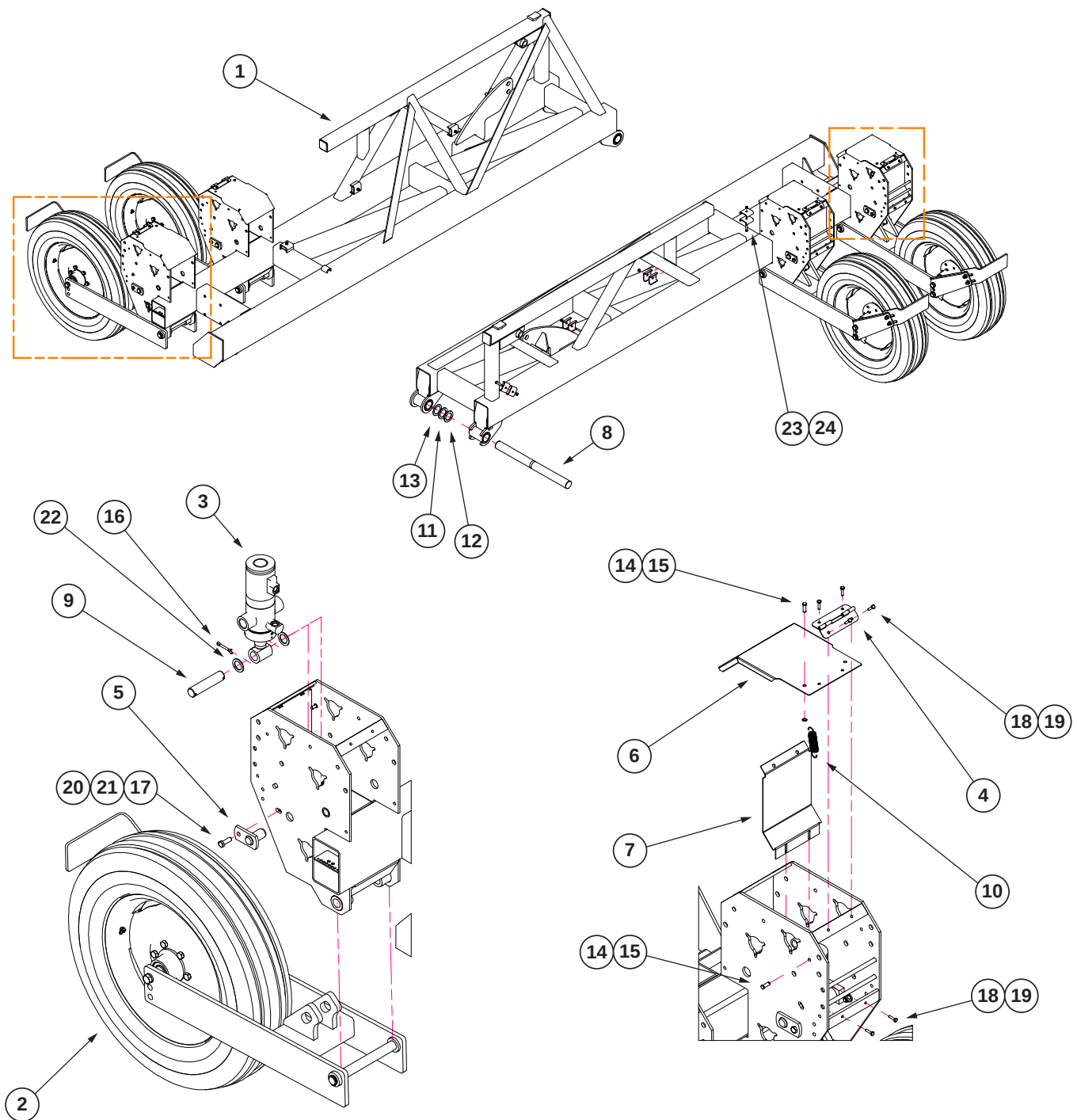
(101563)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18281	1	Center Frame
2	---	-	See "Valve Blocks - Located on R.H. Rear Center Frame" on page P184
	GA9481	1	Jumper Wire, 13", Green
3	GB0867	8	Wear Pad
4	GA21771	2	Cylinder with Clevis
5	G10851101	8	Wear Pad Retainer
6	GA7579	4	Pad Holder Assembly
7	GB0409	2	Spring Washer
	G10026	2	Hex Head Cap Screw, 3/4"-10 x 2"
8	GA5121	4	Pin, 2 1/8"
	G10636	4	Carriage Bolt, 1/2"-13 x 1 1/2"
	G10111	4	Lock Nut, 1/2"-13
9	GA6943	2	Spring Rod
	GD10006	2	Spring
10	G10107	2	Lock Nut, 5/8"-11
	G11391	2	Flat Washer, 5/8" SAE
11	GA3584	1	Ground Clamp
12	GA7390	1	Transport Hook
13	G10828	2	Hex Socket Set Screw, 1/2"-13 x 1 1/4"
	G10102	2	Hex Nut, 1/2"-13
	G10527	2	Lock Washer, 1/2" Internal/External
14	GD9870	1	Pin, 1 1/4" x 6"
15	GD9898	1	Pin, 1 1/4" x 2 15/16"
16	G11391	4	Flat Washer, 5/8" SAE
17	GA6497	2	Cam Follower W/Grease Fitting
	GD10532	2	Sleeve
18	GD10492	2	Adjustment Block
19	G10172	2	Hex Head Cap Screw, 3/8"-16 x 5"
	G10108	2	Lock Nut, 3/8"-16
20	GA13934	1	Hose Anchor
	GD0829	1	Spring
21	GD20696	1	Hose Anchor
	GD19212	1	U-Bolt, 2 1/2" x 3/8"-16
	G11091	2	Serrated Flange Nut, 3/8"-16
22	GA7039	1	Manifold Block
23	GR0193	4	Hair Pin Clip
24	GR0375	2	Pin, 1" x 3 1/2"
25	GD9968	1	Post Cap Plate
26	GA11913	16	Hex Head Tap Bolt
27	G10111	1	Lock Nut, 1/2"-13
	GD8188	1	Hose Clamp, 7/8" x 3" x 5 3/8"
	GD8189	1	Rubber Strip, 3/8"
	G10053	1	Hex Head Cap Screw, 1/2"-13 x 2 1/2"
28	GD7904-02	2	Sleeve, 1/2" x 1/2" Long
	G10037	2	Hex Head Cap Screw, 1/2"-13 X 1 1/4"
	G10228	2	Lock Washer, 1/2"
	G11389	2	Flat Washer, 1/2" Plated SAE
29	G10104	4	Hex Nut, 5/8"-11
30	G10085	1	Hex Head Cap Screw, 3/4"-10 x 3 3/4"
	G10112	1	Lock Nut, 3/4"-10
31	G10108	2	Lock Nut, 3/8"-16
	GD5875	2	Hose Clamp, 9/16" x 2 1/2" x 2"
32	GA24231	1	See "Fan Junction Block" on page P183
	G304-C-10	3	Cap Nut, 7/8"-14
	G304-C-12	3	Cap Nut, 1 1/16"-12

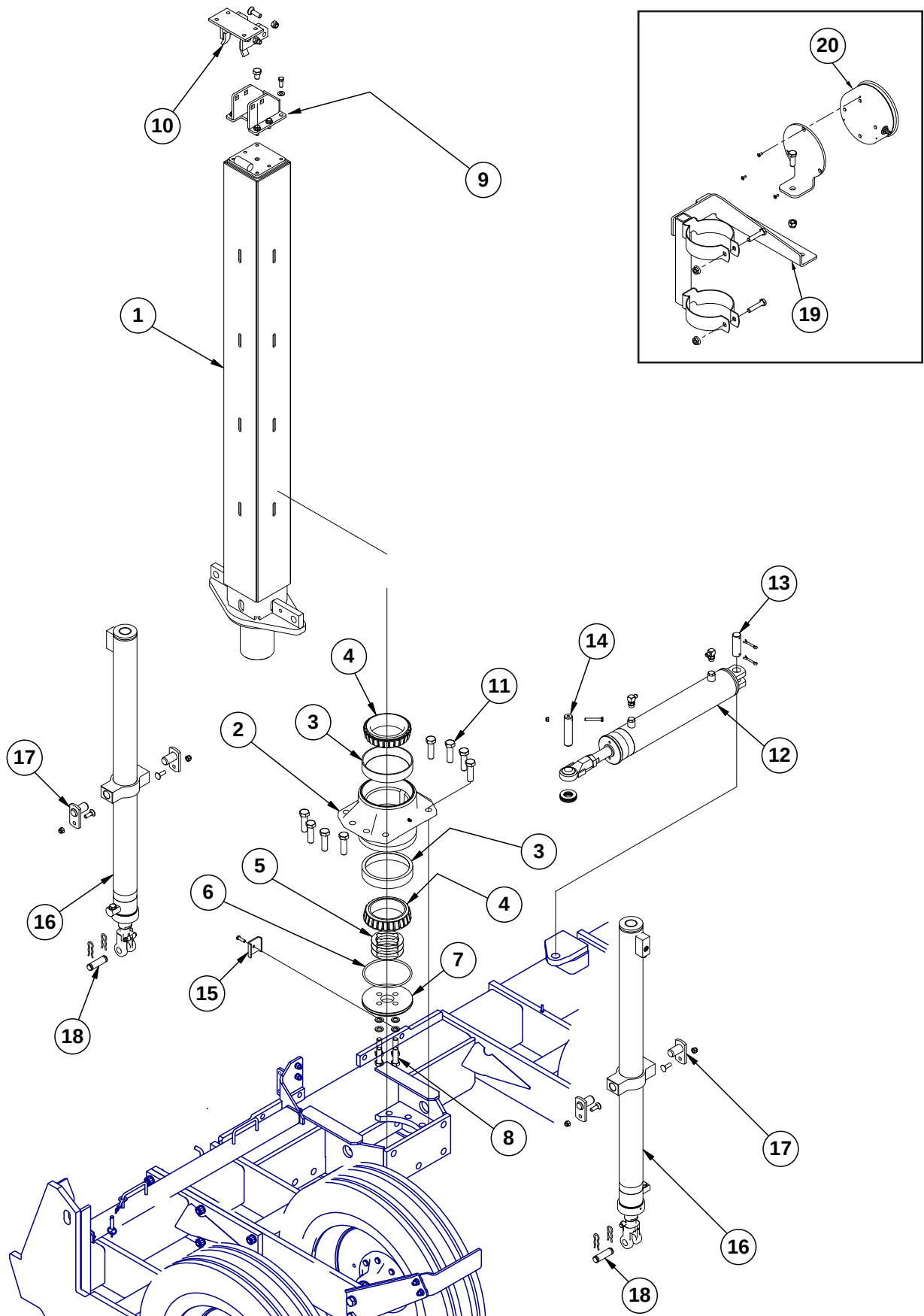
ITEM	PART NO.	QTY.	DESCRIPTION
33	G11387	2	Flat Washer, 3/8" SAE
	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
34	GD20695	1	Extension Plate

(101576)



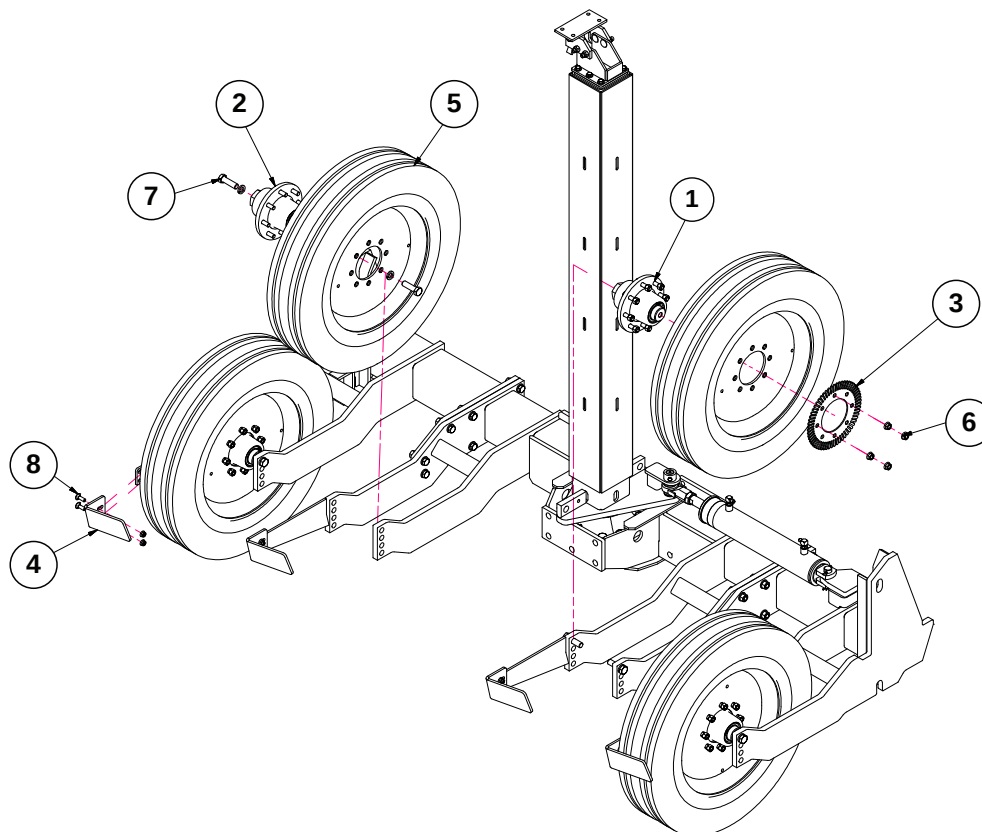
ITEM	PART NO.	QTY. 16R	QTY. 12R	DESCRIPTION
1	A18955	-	1	L.H. Wing, 12 Row (Non-Stock Item)
	A18956	-	1	R.H. Wing, 12 Row (Non-Stock Item)
	A18295	1	-	L.H. Wing, 16 Row (Two Wheel Towers Per Wing) (Non-Stock Item)
	A18294	1	-	R.H. Wing, 16 Row (Two Wheel Towers Per Wing) (Non-Stock Item)
2	---	2	1	See "Ground Drive Wheel" on page P147
3	---	-	1	See "Wing Lift Cylinder, 12 Row" on page P172
		2	-	See "Wing Lift Cylinder, 16 Row" on page P173
4	GA13790	4	2	Slip Joint Hinge Assembly
5	GA5121	4	2	Pin, 2 1/8"
6	GD10298	2	1	Cover, Wheel Tower
7	GD6895	2	1	Shield
8	GD10531	1	1	Hinge Pin, 2 1/8" x 25 3/4"
9	GD5841	2	1	Pin, 1 1/4" x 5 5/8"
10	GD5857	2	1	Spring
11	G10234	1	1	Machine Bushing, 2 1/8", 10 Gauge (.1345")
12	G10404	1	1	Machine Bushing, 3 1/8" x 2 1/8" x 3/16"
13	G10336	1	1	Machine Bushing, 2 1/8", 14 Gauge (.0747")
14	G10860	4	2	Retaining Ring, 3/8"
15	G10870	4	2	Clevis Pin, 3/8" x 1"
16	G10460	4	2	Cotter Pin, 1/4" x 2"
17	G10017	4	2	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
18	G10064	12	6	Hex Head Cap Screw, 1/4"-20 x 1"
19	G10621	12	16	Serrated Flange Nut, 1/4"-20
20	G10111	4	2	Lock Nut, 1/2"-13
21	G11389	4	2	Flat Washer, 1/2" Plated SAE
22	G10159	4	2	Washer, 1 7/8", 10 Gauge (.1345")
23	G10108	4	3	Lock Nut, 3/8"-16
24	GD5875	8	6	Hose Clamp, 9/16" x 2 1/2" x 2"

(IP1230/IP1287)



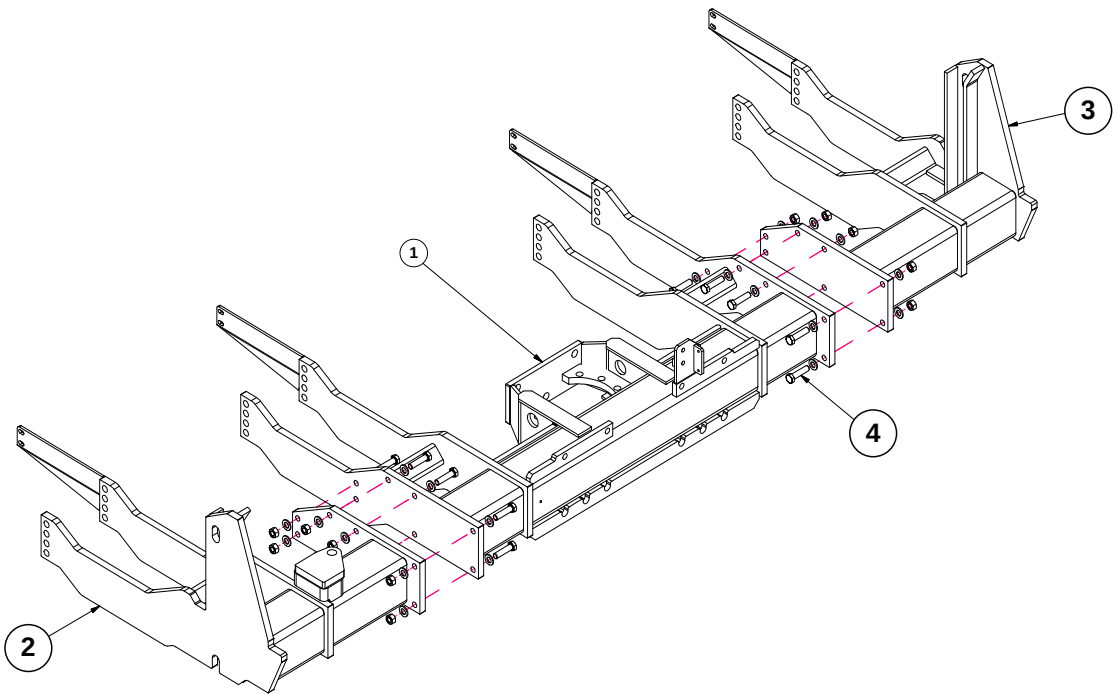
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18318	1	Center Post
2	GA20687	1	Bearing Housing W/Cups, Less Grease Fitting (Includes Item No. 3)
	G10779	1	Grease Fitting, 90°, 1/4"-28 (Included W/GA20687)
3	GD10011	2	Cup (Included W/GA20687)
4	GA7096	2	Cone
5	GD10013	1	Shim, .020" Thick (As Required)
	GD10014	1	Shim, .007" Thick (As Required)
	GD10012	1	Shim, .005" Thick (As Required)
6	GD9130	1	O-Ring
7	GD9636	1	Bearing Cap
8	G10027	4	Hex Head Cap Screw, 3/4"-10 x 2 1/2"
	GD2169	4	Special Washer, 25/32" I.D. x 1 1/4" O.D., Hardened
9	GA18316	1	Transport Hook
	G11389	-	Flat Washer, 1/2" Plated SAE
	G10037	-	Hex Head Cap Screw, 1/2"-13 X 1 1/4"
	G10025	-	Hex Head Cap Screw, 3/4"-10 x 1 1/2"
	G11392	-	Flat Washer, 3/4" SAE
10	G10011	1	Hex Head Cap Screw, 5/8"-11 x 5 1/2"
	G10107	1	Lock Nut, 5/8"-11
	GD10446	1	Sleeve, 3 3/16"
	GD10447	1	Sleeve, 3 5/8"
	GA6964	1	Hook Strap
	G10689	4	Carriage Bolt, 5/8"-11 x 2"
	G10107	4	Lock Nut, 5/8"-11
	G10689	4	Carriage Bolt, 5/8"-11 x 2"
11	G11131901	8	Hex Head Cap Screw, 7/8"-9 x 3 1/2", Grade 8
	GD10063	16	Hardened Washer, 7/8"
	G10955	8	Hex Nut, 7/8"-9
12	GA8904	1	See "Rotation Cylinder" on page P171
	G6801-06-08	2	Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To 3/4"-16 O-Ring
	GR1037	1	O-Ring
13	GD10064	1	Pin, 1 1/4" x 5 1/4"
	G10460	2	Cotter Pin, 1/4" x 2"
14	GD10092	1	Pin, 1 1/4" x 5 1/4"
	G10108	1	Lock Nut, 3/8"-16
	G10049	1	Hex Head Cap Screw, 3/8"-16 x 2 1/2"
	G11396	4	Flat Washer, 1 1/4"
15	GD5875	1	Hose Clamp, 9/16" x 2 1/2" x 2"
	G10004	1	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
16	---	2	See "Center Lift Cylinder" on page P174
17	GA5121	4	Pin, 2 1/8"
	G10111	4	Lock Nut, 1/2"-13
	G10636	4	Carriage Bolt, 1/2"-13 x 1 1/2"
18	GR0375	2	Pin, 1" x 3 1/2"
	GR0193	4	Hair Pin Clip
19	GA14600	1	Pressure Gauge Mount (Ground Contact Drive)
	G10060	2	Hex Head Cap Screw, 5/16"-18 x 2 1/2" (Ground Contact Drive)
	G10620	2	Serrated Flange Nut, 5/16"-18 (Ground Contact Drive)
20	---	-	See "Vacuum System" on page P84

(101561)

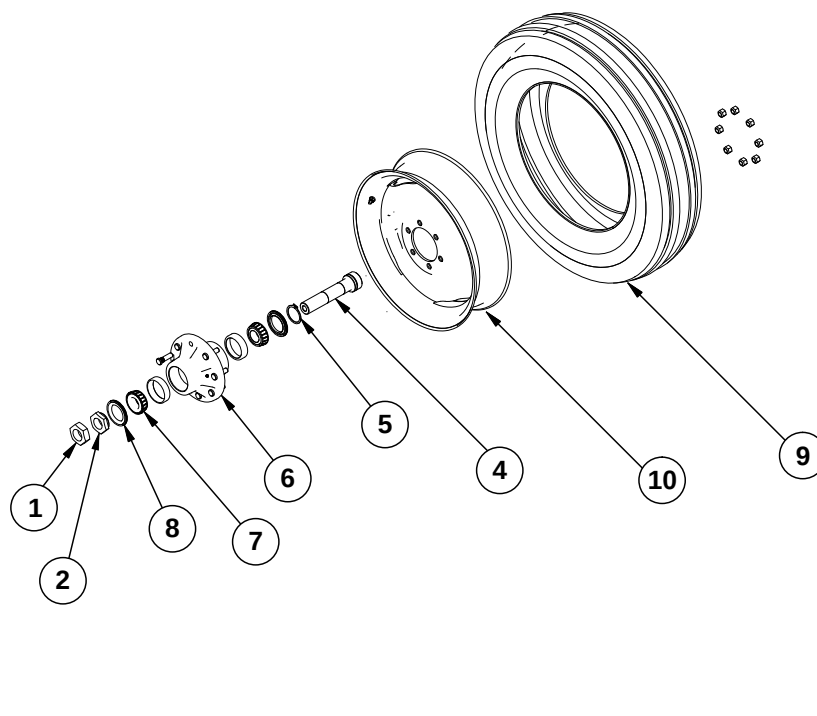


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA27032	1	Hub / Spindle Assembly
2	GA4736	3	Hub / Spindle Assembly
3	GD18643	1	Jump Start
4	G11111301	4	Mud Scraper Bar
5	G11194401	4	Tire/Rim Assembly
6	G11254	4	Serrated Flange Nut, 5/8"-18
7	G10441	8	Hex Head Cap Screw, 7/8"-9 x 3", Grade 8
	G10330	8	Lock Washer, 7/8"
8	G10636	8	Carriage Bolt, 1/2"-13 x 1 1/2"
	G10071	8	Serrated Flange Nut, 1/2"-13

(101704)



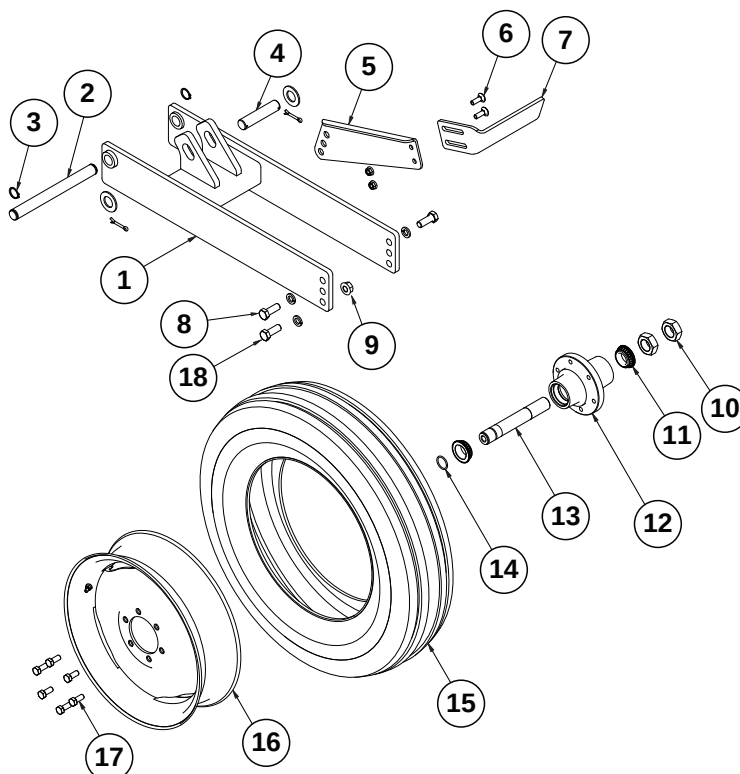
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25293	1	Center Axle
2	GA25291	1	R.H. Axle Wheel Arm
3	GA25292	1	L.H. Axle Wheel Arm
4	G10028	14	Hex Head Cap Screw, 3/4"-10 x 3"
	G10105	14	Hex Nut, 3/4"-10
	G11392	28	Flat Washer, 3/4" SAE



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD7864	1	Special Hex Nut, 1 3/4"-12 UNF
2	GD7089	1	Special Nut, 1 3/4"-12 UNF
3	GA7434	1	Valve Stem
4	GD11245	1	Spindle Shaft
5	G10913	1	External Retaining Ring, 2 1/2"
6	GD7571	1	Hub, 8 Bolt,
	GR0528	8	Stud, 5/8"-18 x 2 1/4", Grade 8 (Sub to GD18676 for Center R.H. Wheel)
	GD7079	2	Cup
	G10640	1	Grease Fitting, 1/4"-28
	GR1912	8	Lug Nut, 5/8"-18, Grade 5
7	GA4723	2	Bearing
8	GA4722	2	Seal
9	GD28871	1	Tire, 9-22.5 14PR
10	GA14516	1	Wheel, 5.5" x 22.5", 8 Bolt
A	G10928301	-	Tire And Rim Assembly (Specify Brand*) (Items 10 and 11)
B	GA4736	-	Hub And Spindle Assembly (Items 1-2, 3-8)
C	GA4729	-	Hub W/Cups, Bolts, Nuts And Grease Fitting, 8 Bolt, 1 3/4" Bore (Item 6)
D	GA27032	-	Hub And Spindle Assembly (Items 1-2, 3-8 (GR0528 subbed for GD18676))

*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.

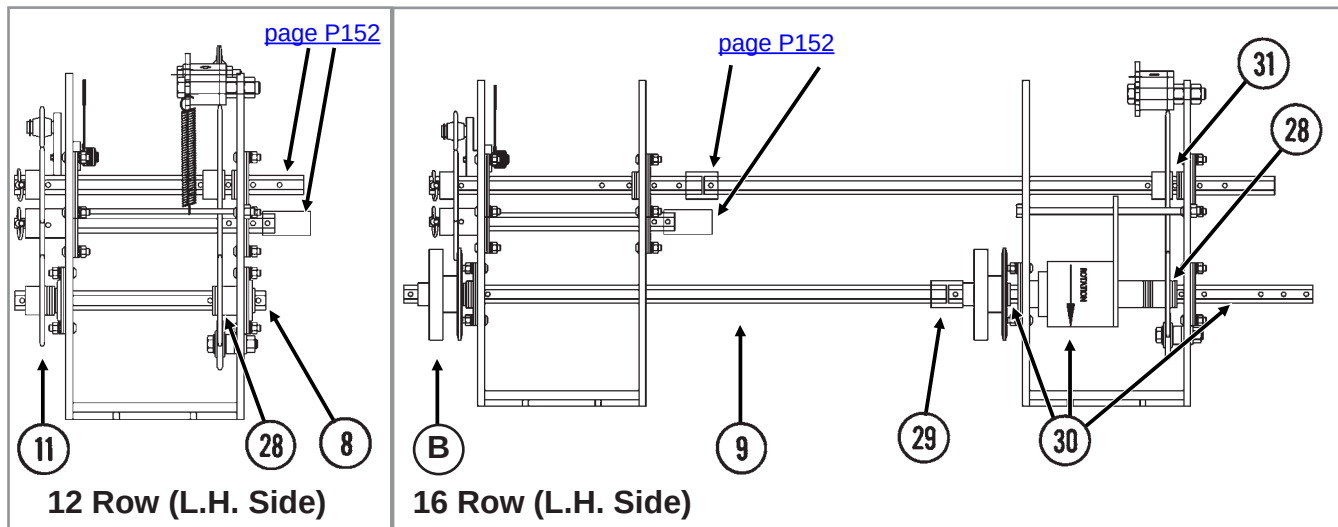
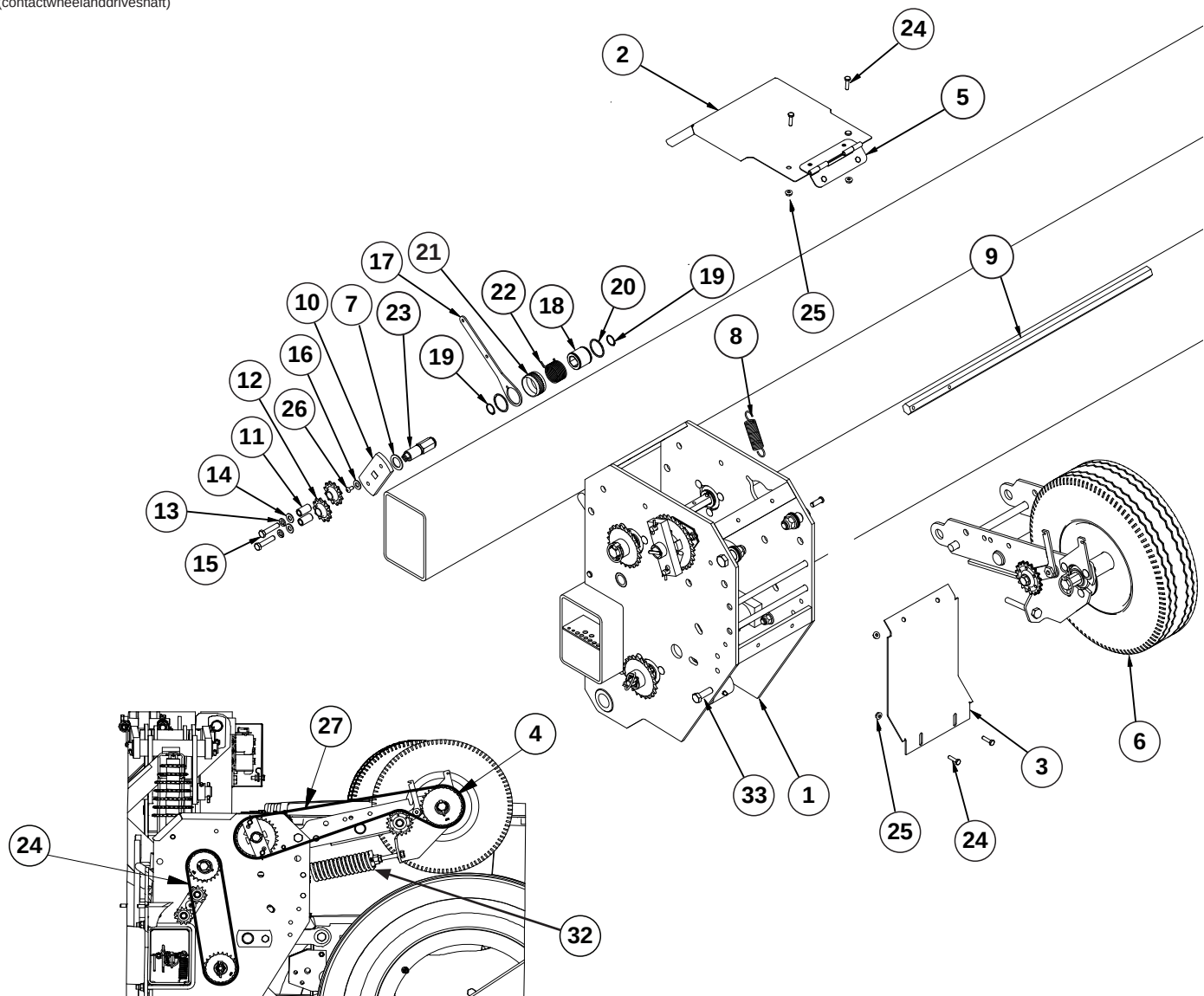
(101583)



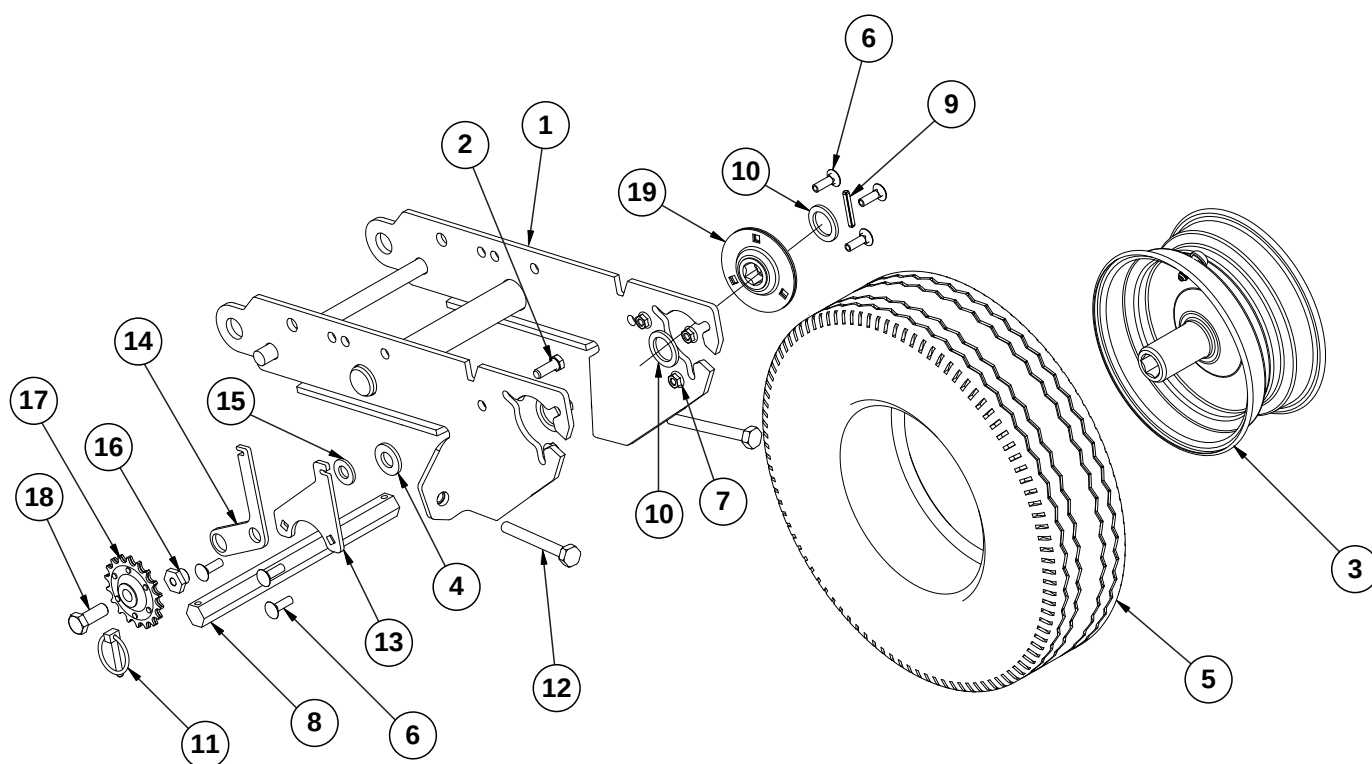
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA14349	1	Wheel Module
2	GD20461	1	Pin, 1¼" x 13"
3	G11400	2	Retaining Ring, 1¼"
4	GD5841	1	Pin, 1¼" x 5⅝"
	G11396	2	Flat Washer, 1¼" SAE
	G10460	2	Cotter Pin, ¼" x 2"
5	G10605101	1	Mud Scraper Holder
6	G10636	2	Carriage Bolt, ½"-13 x 1½"
	G10071	2	Serrated Flange Nut, ½"-13
7	GD34178	1	Slotted Scraper
8	G10026	2	Hex Head Cap Screw, ¾"-10 x 2"
	G10231	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	1	Hub W/Cups, 6 Bolt
	GR0434	2	Cup (Included W/GA24826)
13	GA4376	1	Spindle W/Round External Retaining Ring, 10"
14	GD11490	1	Round External Retaining Ring
15	GD13401	1	Tire, 7.50" x 20", 8 Ply, Tubeless W/O Center Rib (Specify Brand*)
	GA7434	1	Valve Stem
16	GA14413	1	Rim, 5.5" x 20"
17	GR0270	6	Lug Bolt, ⅝"-18
18	G10026	1	Hex Head Cap Screw, ¾"-10 x 2"
	G11392	1	Flat Washer, ¾"
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.

(contactwheelanddriveshaft)

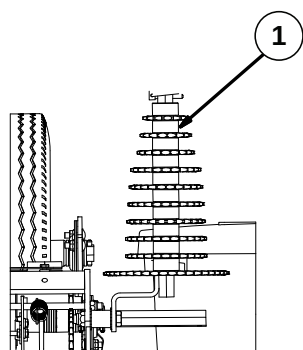
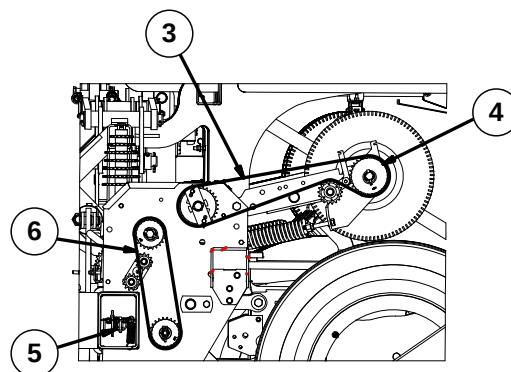
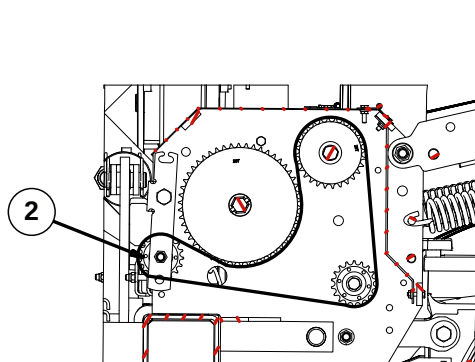


ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD10375	4	Wheel Tower
2	GD10298	2	Cover
3	GD6895	2	Shield
4	GA12192	2	Sprocket #40, 22 Tooth (Vacuum)
5	GA13790	2	Slip Joint Hinge
6	---	2	See "Contact Wheel" on page P150
7	G10235	14	Machine Bushing, 7/8", 14 Gauge (.0747")
8	GD5857	4	Spring
9	GD35786	1	Hex Shaft, 7/8" x 28.94"
10	GD10401	1	Double Idler Bar
11	GD1026	2	Sleeve, 1 3/16" Long
12	GD7426	2	Sprocket, 12 Tooth
13	G10229	2	Lock Washer, 3/8"
14	G11387	2	Flat Washer, 3/8" SAE
15	G10047	2	Hex Head Cap Screw, 3/8"-16 x 1 3/4"
16	G11387	1	Flat Washer, 3/8" SAE
17	GD14431	1	Wrap Spring Wrench Handle
	G11078	1	Vinyl Cap
18	GD14432	1	Wrap Spring Wrench Sleeve
19	G11075	2	External Inverted Snap Ring, 7/8"
20	G10496	2	External Inverted Snap Ring, 1 1/2"
21	GD19344	1	Release Collar, Silver, L.H. (Shown)
	GD19343	-	Release Collar, Blue, R.H.
22	GD14414	1	Torsion Spring, R.H. (Used On L.H. Wrap Spring Wrench) (Shown)
	GD14413	-	Torsion Spring, L.H. (Used On R.H. Wrap Spring Wrench)
23	GD14426	1	Tightener Shaft, 3 3/8"
24	G3310-80	2	Chain #40, 80 Pitches
25	G10621	14	Serrated Flange Nut, 1/4"-20
26	G11100	1	Hex Socket Button Head Cap Screw, 1/4"-20 x 1/2", Grade 8
27	G3310-114	2	Chain #40, 114 Pitches (Vacuum)
28	---	-	See "Inner Module Drive" on page P154
29	GD5212	1	Coupler, 1 3/4", 16 Row 30" Only
30	---	-	See "Point Row Clutch" on page P156
31	G10233	2	Machine Bushing, 1", 10 Gauge
	G10345	2	Machine Bushing, 1", 14 Gauge
32	GA2068	-	Spring W/Plug
A	GA5164	-	Ratchet/Sprocket Assembly, L.H. Side Of Planter
	GA9843	-	Ratchet/Sprocket Assembly, R.H. Side Of Planter
B	G1K324	-	Contact Wheel Arm Replacement Kit
C	G1K381	-	Wrap Spring Wrench Replacement Kit, Gray Collar, L.H.
	G1K380	-	Wrap Spring Wrench Replacement Kit, Blue Collar, R.H.
D	GA26075	-	Ground Contact Drive Spare Parts Kit (Springs, Cotter Pins, Connector Links/Offsets, Clevis Pins)

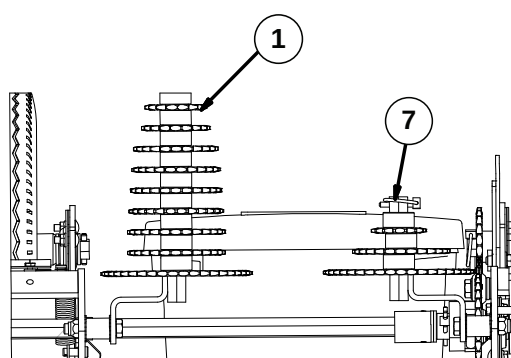


ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA7372	2	Wheel Arm
2	G10001	2	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 1"
3	GD7688	4	Rim
4	GD26839	2	Spacer
5	GD4700	2	Tire, 4.80" x 8", 4 Ply, Rib Implement (Specify Brand**)
6	G10303	12	Carriage Bolt, $\frac{5}{16}$ "-18 x 1"
7	G10620	12	Serrated Flange Nut, $\frac{5}{16}$ "-18
8	GD26499	2	Wheel Mount Hex Shaft
9	G10602	2	Spring Pin, $\frac{1}{4}$ " x $1\frac{1}{2}$ "
10	G10233	6	Machine Bushing, $1\frac{1}{2}$ " x $\frac{1}{32}$ ", 10 Gauge (.1345")
11	GD2558	2	Lynch Pin, $\frac{1}{4}$ "
12	G10890	4	Hex Head Adjusting Bolt, $\frac{1}{2}$ "-13 x 4", Grade 2
13	GD26477	2	Idler Plate
14	GA17975	2	Idler Arm
15	G11389	2	Flat Washer, $\frac{1}{2}$ " Plated SAE
16	GD26479	2	Idler Pivot Nut
17	GA7154	2	Sprocket W/Bearing, 18 Tooth
18	G10037	2	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x $1\frac{1}{4}$ "
19	GA9846	2	Flanged Bearing, $\frac{7}{8}$ " Hex Bore
A	GA3552	-	Tire and Rim Assembly (Specify Brand*)

* 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.



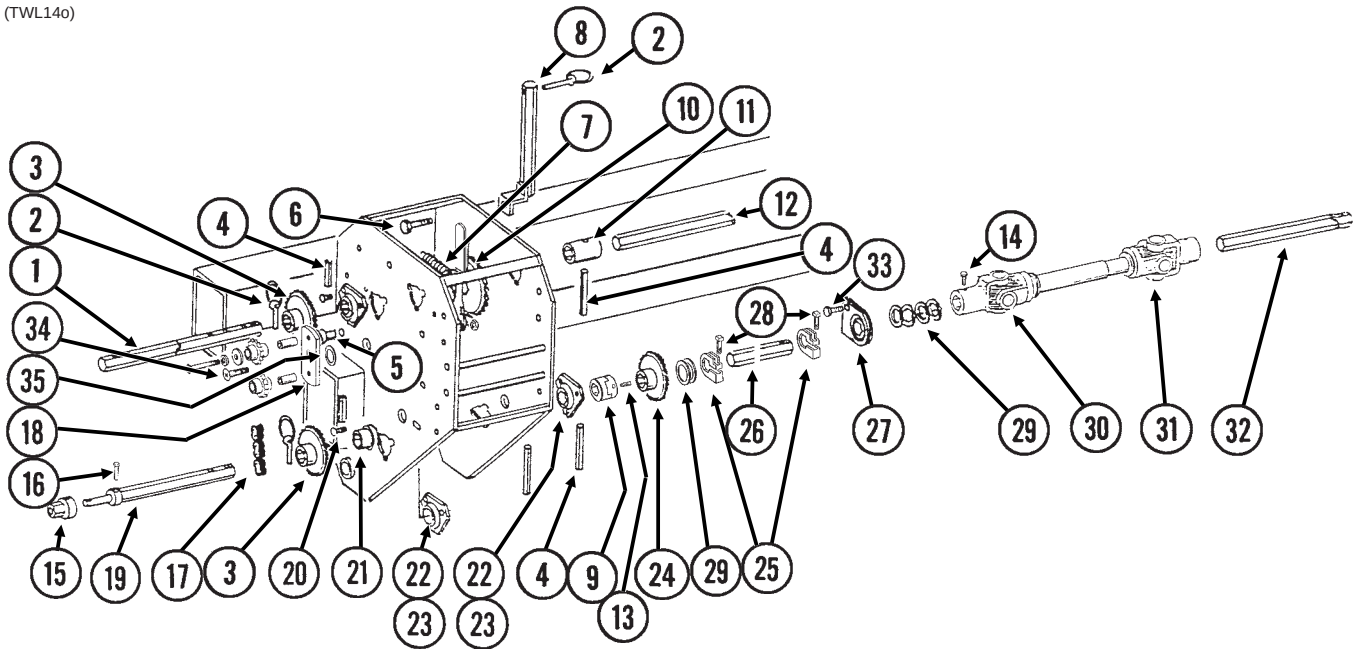
12 Row



16 Row

ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA10977	2	Sprocket Tree Assembly (Vacuum)
	GA12191	1	Sprocket, 44 Tooth (Included W/GA10977)
	GA5105	1	Sprocket, 15 Tooth (Included W/GA10977)
	GA5106	1	Sprocket, 17 Tooth (Included W/GA10977)
	GA5107	1	Sprocket, 19 Tooth (Included W/GA10977)
	GA5109	1	Sprocket, 24 Tooth (Included W/GA10977)
	GA5110	1	Sprocket, 25 Tooth (Included W/GA10977)
	GA5111	1	Sprocket, 26 Tooth (Included W/GA10977)
	GA5112	1	Sprocket, 27 Tooth (Included W/GA10977)
	GA5113	2	Sprocket, 28 Tooth (Included W/GA10977)
	GD2558	1	Lynch Pin, 1/4" (Included W/GA10977)
	GA10832	1	Sprocket Storage Rod
2	G3310-100	2	Chain, No. 40, 100 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
3	G3310-114	2-4	Chain, No. 40, 114 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
4	GA12192	2-4	Sprocket, 22 Tooth
5	GA26075	1	Ground Contact Drive Spare Parts Kit
6	G3310-80	2	Chain, No. 40, 80 Pitch Including Connector Link
	G0912	-	Connector Link, No. 40
7	GA22322	2	Sprocket Tree Assembly
	GA12191	1	Sprocket, 44 Tooth (Included W/GA22322)
	GA5105	1	Sprocket, 15 Tooth (Included W/GA22322)
	GA5113	1	Sprocket, 28 Tooth (Included W/GA22322)
	GA7313	1	Sprocket Storage Rod (Included W/GA22322)
	GD2558	1	Lynch Pin, 1/4" (Included W/GA22322)

(TWL14o)



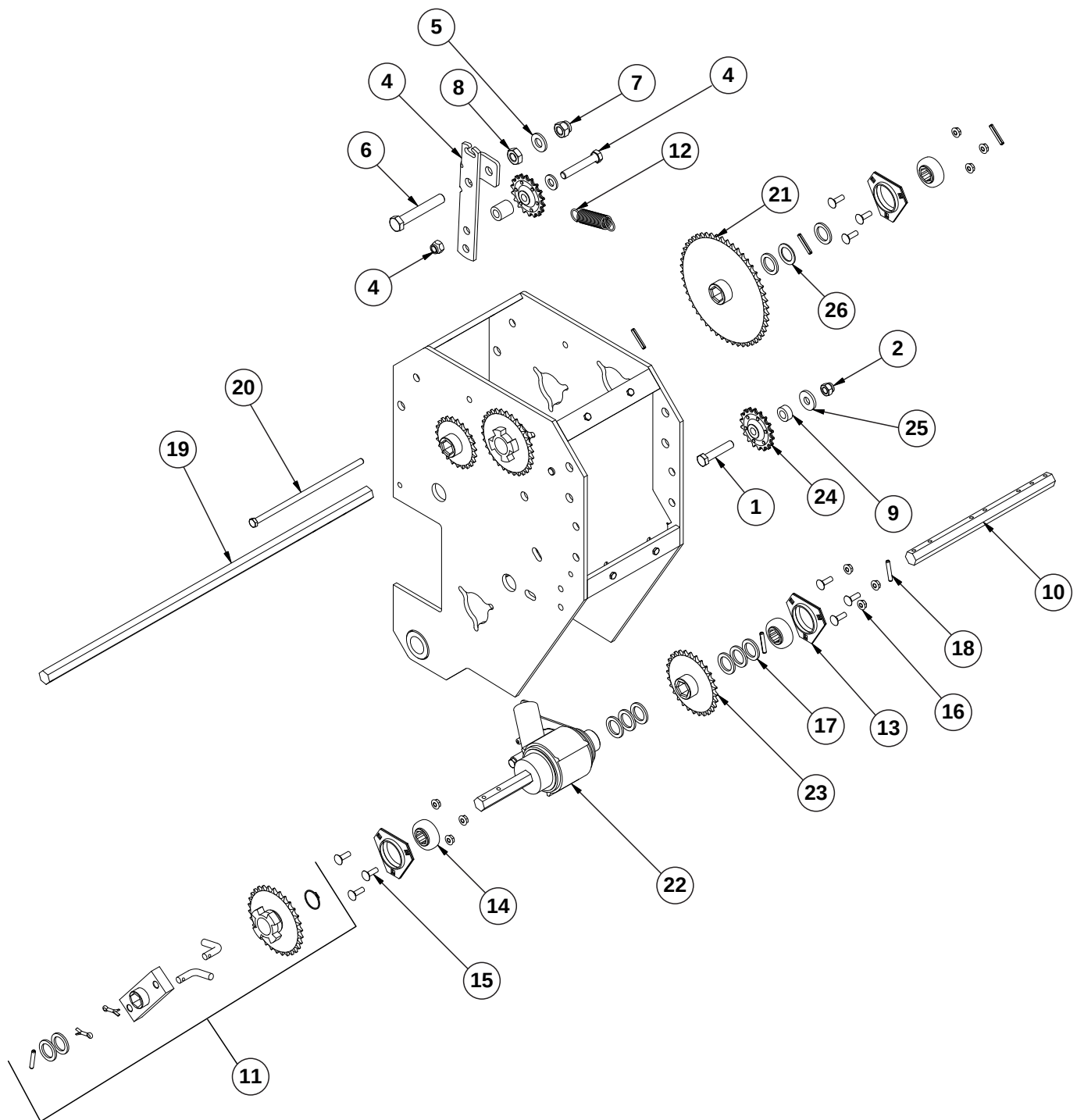
ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
1	GD35785	1	Shaft, 7/8" x 15 1/4"
2	GD2558	3	Lynch Pin, 1/4"
3	GA5105	-	Sprocket, 15 Tooth
	GA5106	-	Sprocket, 17 Tooth
	GA5107	-	Sprocket, 19 Tooth
	GA5108	-	Sprocket, 23 Tooth
	GA5109	-	Sprocket, 24 Tooth
	GA5110	-	Sprocket, 25 Tooth
	GA5111	-	Sprocket, 26 Tooth
	GA5112	-	Sprocket, 27 Tooth
	GA5113	-	Sprocket, 28 Tooth
	GA5114	-	Sprocket, 30 Tooth
	GA12191	-	Sprocket, 44 Tooth
4	G10602	-	Spring Pin, 1/4" x 1 1/2"
5	G10870	1	Clevis Pin, 3/8" x 1"
	G10860	1	Retaining Ring, 3/8"
6	G10583	1	Hex Head Cap Screw, 1/2"-13 x 2 3/4"
	GD4887-17	1	Sleeve, 1" O.D. x 5/16" I.D. x 1 1/8"
	G10527	2	Lock Washer, 1/2", Internal/External
	G10111	1	Lock Nut, 1/2"-13
7	GD5857	1	Spring
8	GA10832	1	Sprocket Storage Rod (Vacuum)
9	GB0287	2	Coupler
10	---	-	See "Inner Module Drive" on page P154
11	GD5212	1	Coupler, 1 3/4", 16 Row 70CM Only
12	GD26497	1	Hex Shaft, 7/8" x 30", 16 Row 70CM Only
13	G10131	4	Square Head Set Screw, 5/16"-18 x 3/4"
14	G10688	-	Square Head Set Screw, 3/8"-16 x 5/8"
15	GD7127	1	Shear Coupler

Seed Rate Transmission and Row Unit Drill Shafts

M0312-02

Model 3605

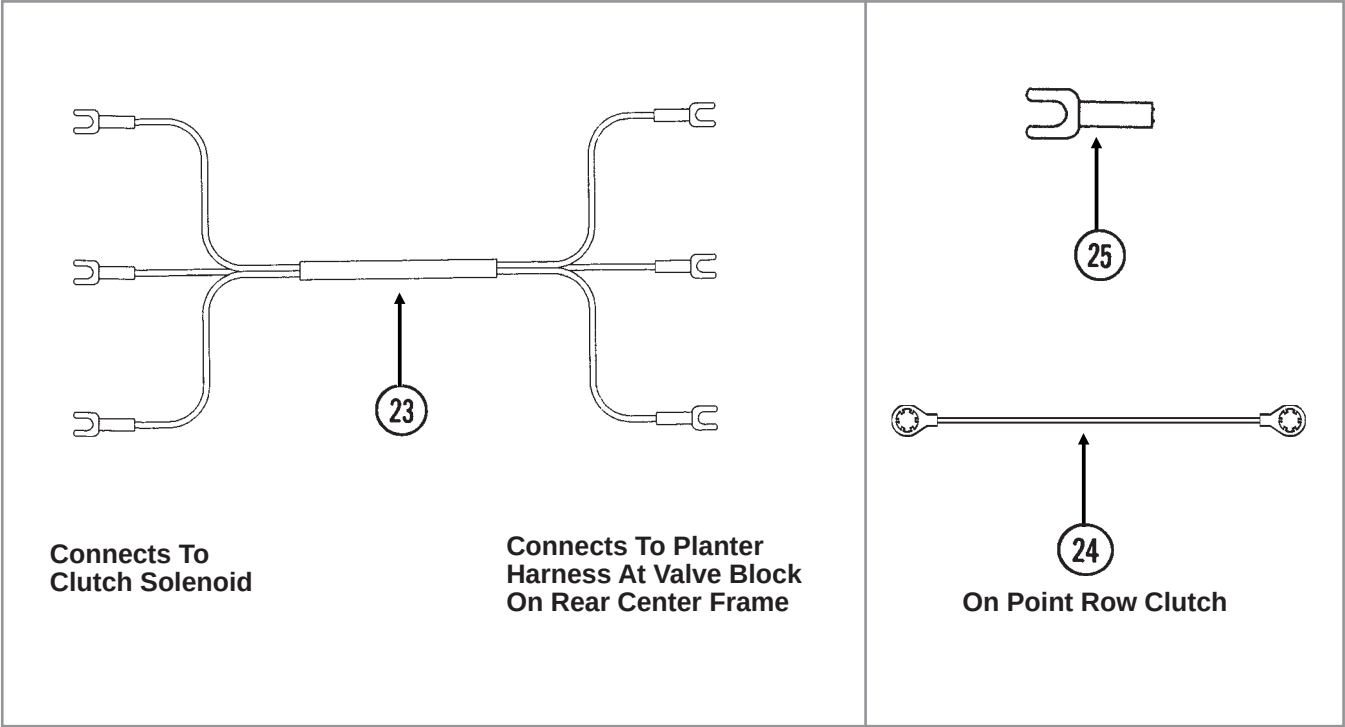
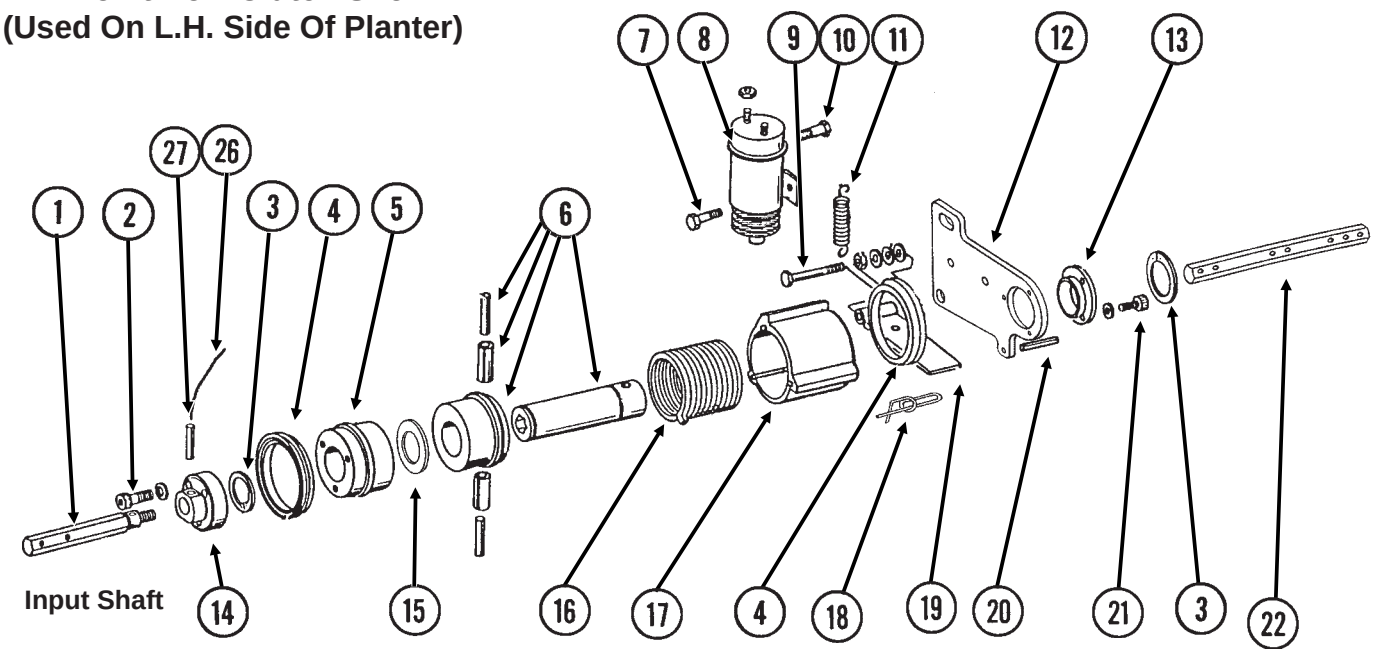
ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
16	G10821 G10455	- -	Clevis Pin, 3/16" x 2" Cotter Pin, 1/16" x 1/2"
17	G3310-80 GR0912	1 -	Chain, No. 40, 80 Pitch Including Connector Link Connector Link, No. 40
18	GA7336 GD7426 G10047 GD1026 G11387 G10229	1 - - - - -	Idler W/Bolt-On Sprockets Sprocket, 12 Tooth (Included W/GA7336) Hex Head Cap Screw, 3/8"-16 x 1 1/4" (Included W/GA7336) Sleeve, 1 3/16" Long (Included W/GA7336) Flat Washer, 3/8" SAE (Included W/GA7336) Lock Washer, 3/8" (Included W/GA7336)
19	GD7612	1	Shaft, 7/8" x 13 1/2"
20	G10303 G10620	- -	Carriage Bolt, 5/16"-18 x 1" Hex Nut, 5/16"-18
21	GA5548	1	Special Bearing
22	G3400-01	-	Flangette
23	G2100-03	-	Bearing, 7/8" Hex Bore, Spherical
24	GA8092	1	Clutch Sprocket Assembly, 19 tooth (See "Split Row Push Unit Drive" on page P72)
25	GD11045	-	Lock Clamp
26	GD0914-71 GD0914-126.25	2 2	Hex Shaft, 7/8" x 71" (No Holes), Wing, 12 Row Hex Shaft, 7/8" x 126 1/4" (No Holes), Wing, 16 Row
27	GA2180	-	Hanger Bearing, 7/8" Hex Bore
28	G10130 G10923	- -	Square Head Machine Bolt, 5/16"-18 x 1 3/4" Flange Nut, 5/16"-18, No Serration
29	G10233	-	Machine Bushing, 1", 10 Gauge
30	GA18276 GR1557 GR2148 GR1294 GR2151	- - - - -	U-Joint W/Grease Fitting, Female, 10 1/4" Long Grease Fitting, 45°, Metric (Included W/GA18276) Inboard Yoke And Outer Profile (Included W/GA18276) Cross And Bearing Kit (Included W/GA18276) Yoke, 7/8" Hex (Included W/GA18276)
31	GA18275 GR1557 GR2147 GR1295 GR1301 GR1294 GR2151	- - - - - - -	U-Joint W/Grease Fitting, Male, 12 1/4" Long Grease Fitting, 45°, Metric (Included W/GA18275) Inner Profile (Included W/GA18275) Inboard Yoke (Included W/GA18275) Spring Pin, 8 mm x 50 mm (Included W/GA18275) Cross And Bearing Kit (Included W/GA18275) Yoke, 7/8" Hex (Included W/GA18275)
32	GD0914-71 GD0914-60	1 -	Hex Shaft, 7/8" x 71" (No Holes), R.H. Main Frame Hex Shaft, 7/8" x 60" (No Holes), L.H. Main Frame
33	G10004 G10229 G10101	2 2 -	Hex Head Cap Screw, 3/8"-16 x 1 1/4" Lock Washer, 3/8" Hex Nut, 3/8"-16
34	G11100 G10227 G11453	1 1 1	Hex Socket Button Head Cap Screw, 1/4"-20 x 1/2", Grade 8 Lock Washer, 1/4" Fender Washer, 1/4"
35	G10235	1	Machine Bushing, 7/8", 14 Gauge
A	G1K269	-	Lock Clamp Kit (Items 25 And 28)
B	G1K381 G1K380	- -	Wrap Spring Wrench Replacement Kit, Gray Collar, L.H. Wrap Spring Wrench Replacement Kit, Blue Collar, R.H.
C	GA10977	-	Sprocket Tree (Vacuum)



ITEM	PART NO.	QTY. (Per Mod- ule)	DESCRIPTION
1	G10053	-	Hex Head Cap Screw, ½"-13 x 2½"
2	G10111	-	Lock Nut, ½"-13
3	---	-	---
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/GA9557 and GA9558)
	G10038	-	Hex Head Cap Screw, ½"-13 x 3" (Included W/GA9557 and GA9558)
	GD10007	-	Spacer, 1½" Long
	G11389	-	Flat Washer, ½" SAE (Included W/GA9557 and GA9558)
	G10111	-	Lock Nut, ½"-13 (Included W/GA9557 and GA9558)
5	G11391	-	Flat Washer, ⅝" SAE
6	G10036	-	Hex Head Cap Screw, ⅝"-11 x 4"
7	G10107	-	Lock Nut, ⅝"-11
8	G10503	-	Hex Jam Nut, ⅝"-11, Grade 2
9	GD7889	-	Bushing, 1" O.D. x ⅞" I.D. x 7/16" Long
10	GD10543	-	Hex Shaft, 7/8" x 13"
11	GA5164	-	Ratchet/Sprocket Assembly
12	GD5857	-	Spring
13	G3400-01	-	Flangette
14	G2100-03	-	Bearing, 7/8" Hex Bore, Spherical
15	G10303	-	Carriage Bolt, ⅝"-18 x 1"
16	G10620	-	Serrated Flange Nut, ⅝"-18
17	G10233	-	Machine Bushing, 1½" x ⅓", 10 Gauge (.1345")
18	G10602	-	Spring Pin, ¼" x 1½"
19	GD26497	-	Hex Shaft, 7/8" x 30"
20	G10595	-	Hex Head Cap Screw, ⅝"-16 x 10"
21	GA5194	-	Sprocket, 50 Tooth
22	GA7111	-	Point Row Clutch Assembly, L.H.
23	GA5113	-	Sprocket, 28 Tooth
24	GA7154	-	Sprocket W/Bearing, 18 Tooth
25	G10168	-	Machine Bushing, ½", 7 Gauge (.1793")
26	G10345	-	Machine Bushing, 1", 14 Gauge (.0747")

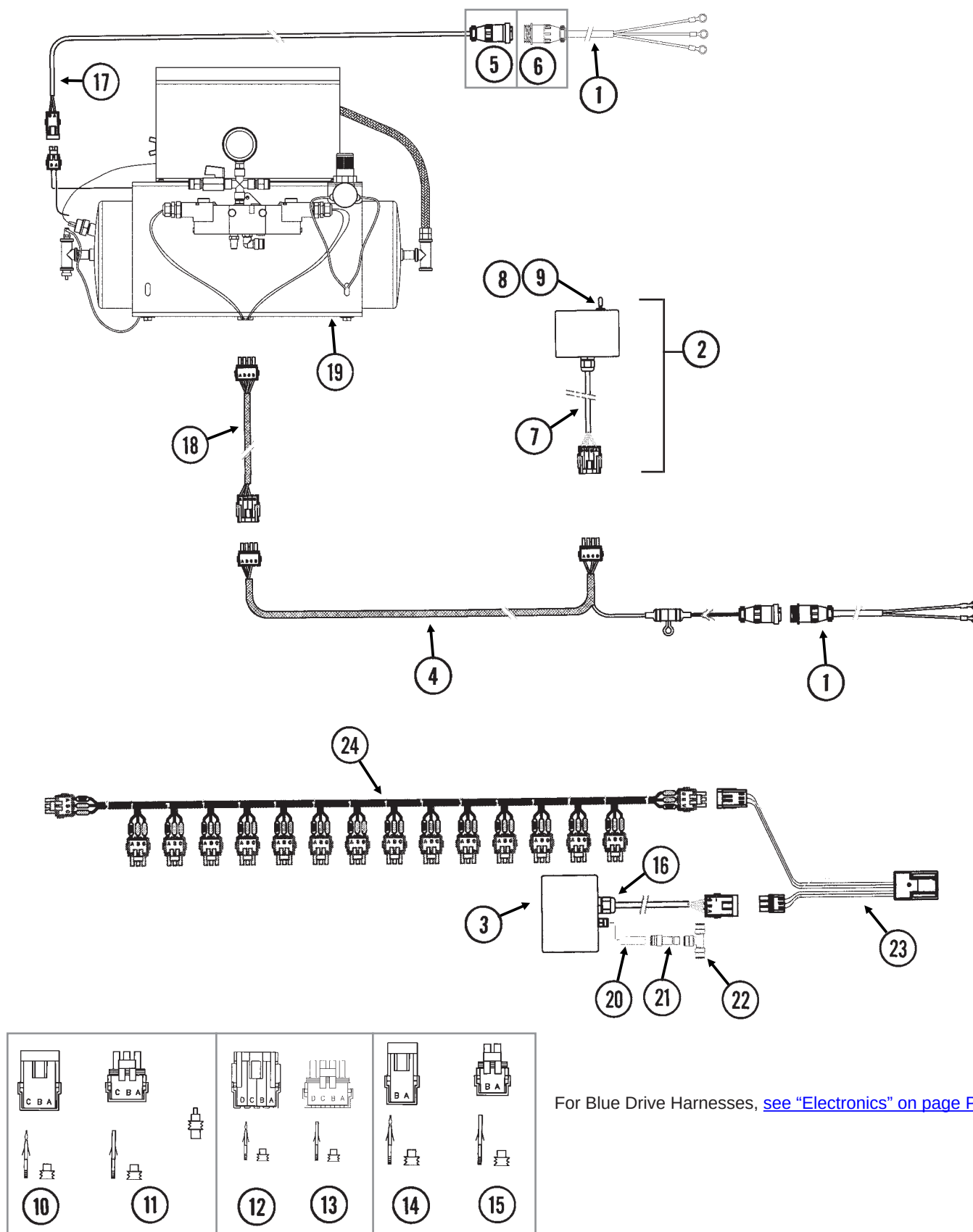
PRC019(TWL70d/TWL71d/TWL71/TWL18/A10054)

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



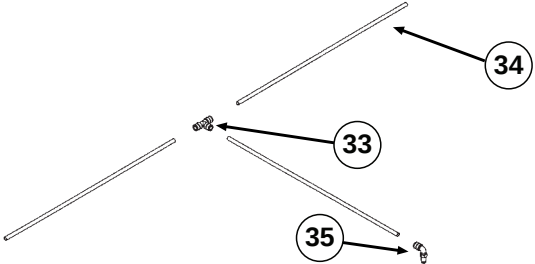
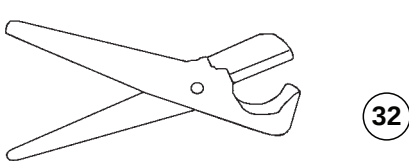
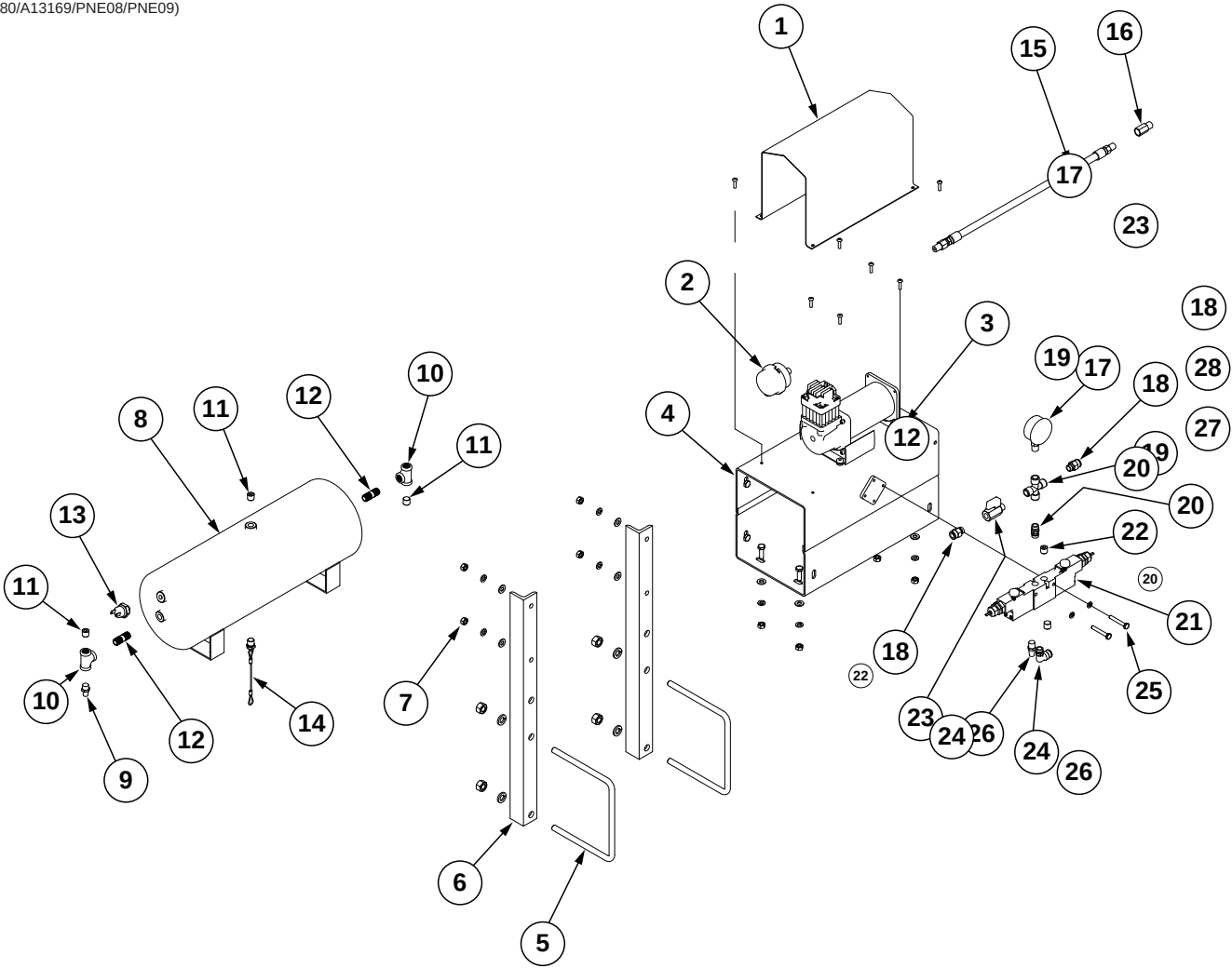
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD10068	1	Input Shaft, R.H. Threads (Shown)
	GD10069	1	Input Shaft, L.H. Threads
2	G10374	3	Hex Socket Head Cap Screw, 1/4"-20 x 1"
	G10227	3	Lock Washer, 1/4"
3	G10496	2	External Inverted Snap Ring, 1 1/2"
4	GD14512	2	V-Ring Seal
5	GD10104	1	Input Hub
6	GA7137	1	Hub/Sleeve Assembly W/Spring Pins
	G10765	-	Spring Pin, 1/4" x 1" (Included W/GA7137)
	G10804	-	Spring Pin, 5/32" x 7/8" (Included W/GA7137)
7	G10023	1	Hex Head Cap Screw, 1/4"-20 x 3/4"
	G10227	1	Lock Washer, 1/4"
	G10103	1	Hex Nut, 1/4"-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, 3/8"-16 x 2 1/4"
	G10101	1	Hex Nut, 3/8"-16
	G11387	1	Flat Washer, 3/8" SAE
	G10229	2	Lock Washer, 3/8"
	G10497	1	Hex Jam Nut, 3/8"-16, Grade 2
10	G10900	1	Hex Socket Head Cap Screw, 1/4"-20 x 1 3/4", Grade 8
	G10227	1	Lock Washer, 1/4"
	G10103	2	Hex Nut, 1/4"-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 2 1/4"
21	G10253	3	Hex Socket Head Screw, No. 10-32 x 1/2"
	G10257	3	Lock Washer, No. 10
22	GD10543	-	Hex Shaft, 7/8" x 13"
23	GA9480	-	Wiring Harness, 22', L.H. Side, 16 Row
	GA9482	-	Wiring Harness, 25', R.H. Side, 16 Row
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 1 1/4"
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/MTR27i/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	1	Wiring Harness W/Fuse Holder And Fuse, 206" (Ground Contact Drive)
	GD14258	-	Fuse Holder (Included W/GA13944)
	GD14660	-	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	G1K267	-	Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (3) Male Terminal Pins
7	GA9964	1	Strain Relief
8	GR1363	1	Hex Face Nut, 1 $\frac{1}{32}$ "-32
	GR1364	1	Internal Tooth Lock Washer, 1 $\frac{1}{32}$ "
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	1	Compressor Harness, 60'
	GD14258	-	Fuse Holder
	GD18275	-	Fuse, 20 Amp
18	GA12858	1	Wiring Harness, 60'
19	---		See "Air Compressor, Dual Solenoid Assembly, Tubing, and Fittings" on page P160
20	GD17151-06	1	Nylon Tubing, 1/4" O.D. x 1 1/2'
21	GD18796	1	Reducer, 3/8" To 1/4"
22	GD18010	1	Tee, 3/8" Tube Union
23	GA12812	1	Hall Effect Adapter
24	---	-	See "Planter Monitor Module (PMM)" on page P226

(IP1280/A13169/PNE08/PNE09)

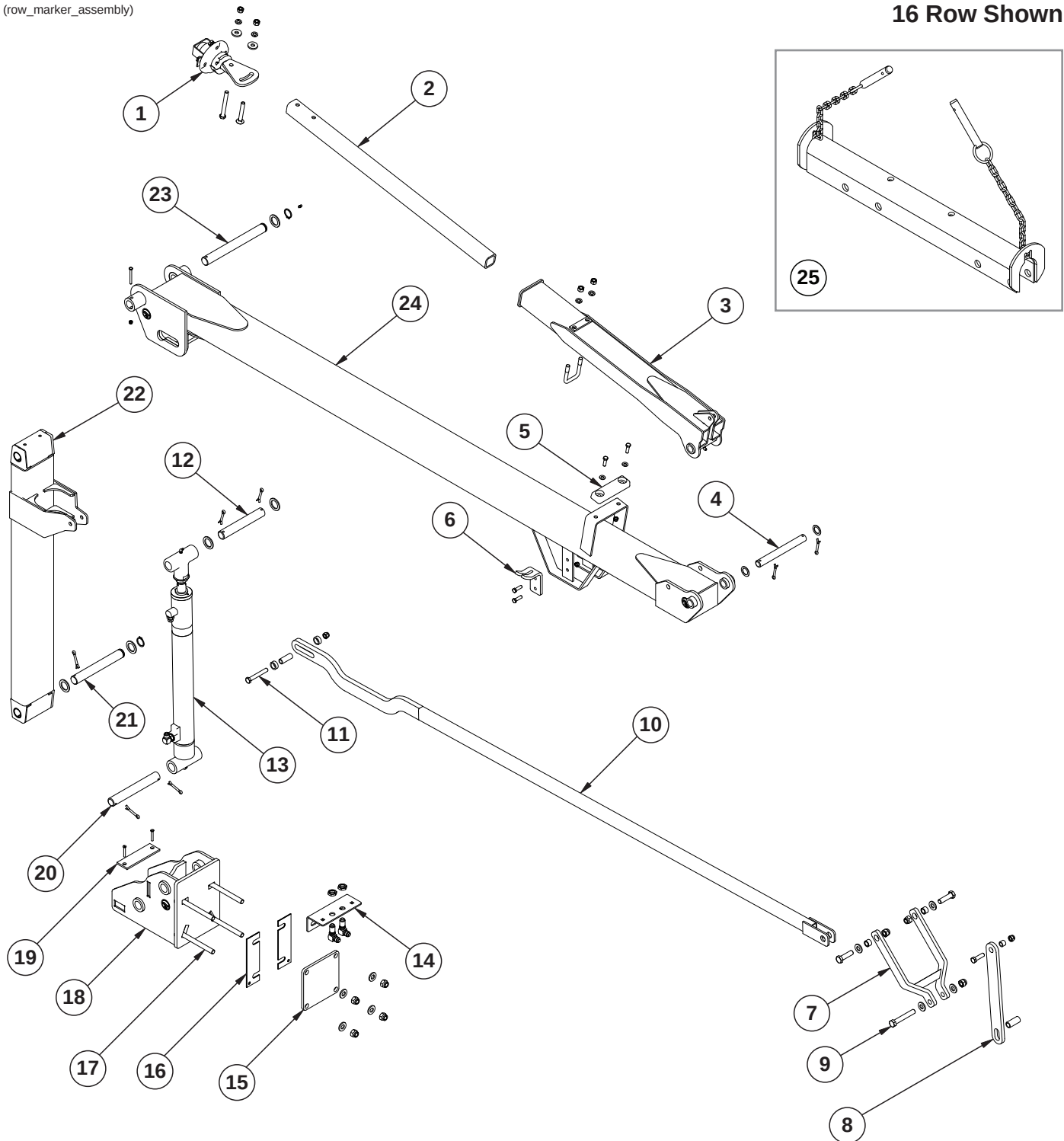


ITEM	PART NO.	QTY.	DESCRIPTION
1	GD18112	1	Cover
	G10992	8	Serrated Flange Nut, No. 10-24
	G11066	8	Phillips Pan Head Machine Screw, No. 10-24 x 3/4", Stainless Steel
2	GA14127	1	Filter Assembly
	GR1943	-	Filter (Included W/GA14127)
3	GA22273	1	Air Compressor W/Harness
	G10992	4	Serrated Flange Nut, No. 10-24
	G11066	4	Phillips Pan Head Machine Screw, No. 10-24 x 3/4", 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	2-3	Nipple, 1/4" NPT (Blue Drive Only in the Solenoid Assembly (Items 17-28))
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	GA12104	1	Pressure Gauge
18	GD17141	2	Connector, 1/4" Male
19	GD18078	1	Female Cross, 1/4" NPT
20	GD17154	1	Connector, 1/4" Male
21	GA22793	1	Dual Solenoid Assembly
22	GD17156	2	Plug, 1/4" NPT
23	GA11992	1	Shutoff Valve, 1/4" NPT
24	GD17143	1	Swivel Elbow, 1/4" NPT x 3/8"
25	G10040	2	Hex Head Cap Screw, 1/4"-20 x 1 3/4"
	G10227	2	Lock Washer, 1/4"
26	GA11997	1	Breather, 1/4" NPT
27	GD19237	1	Tee, Galvanized, 1/4" NPT x NPT (Blue Drive Only)
28	GA14804	1	Pressure Sensor (0-120 PSI) (Blue Drive Only)
	GD18041	1	Bushing, Hex, 1/4" Male NPT x 1/8" Female NPT (Blue Drive Only)
29	---	-	---
30	---	-	---
31	---	-	---
32	GA13169	1	Tube Cutter W/Blade
	GR1843	-	Blade (Included W/GA13169)
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 Compressor Assembly (Items 1-4, 8-14, and 25)
B	GA22793	-	Valve Seal Kit

(row_marker_assembly)

16 Row Shown

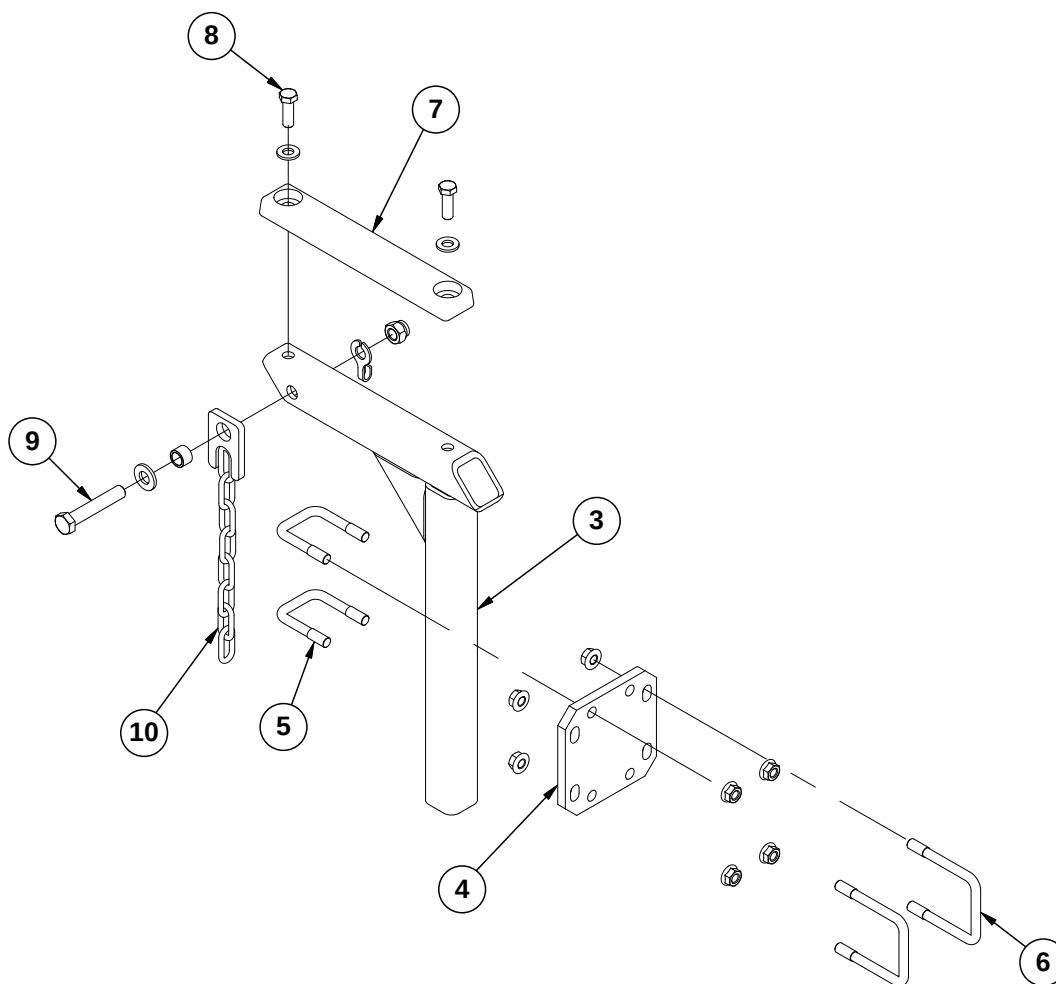


ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA13719	1	See "Row Marker Spindle/Hub/Blade" on page P166
	G10168	2	Machine Bushing, ½", 7 Gauge
	G10045	1	Hex Head Cap Screw, ½"-13 x 4½"
	G10844	1	Carriage Bolt, ½"-13 x 3½"
	G10228	2	Lock Washer, ½"
	G10102	2	Hex Nut, ½"-13
2	GD0453-07	-	Extension Tube, 45", 12 Row
	GD0453-02	-	Extension Tube, 40", 16 Row
	GD0453-03	-	Extension Tube, 50", 12 Row Even-Row
	GD0453-05	-	Extension Tube, 55", 16 Row Even-Row
3	GA13994	1	Arm, Third Stage, 12 Row
	GA13114	1	Arm, Third Stage, 16 Row
	GD2721	1	U-Bolt, 2" x 2" x ½"-13
	G10228	2	Lock Washer, ½"
	G10102	2	Hex Nut, ½"-13
	G10643	-	Grease Fitting, 45°, ¼"-28
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, 2½" I.D. x ⅞" O.D. x 1⅞" Long
	G10107	2	Lock Nut, ⅝"-11
8	GD25189	1	Marker Link
	GD3180-34	-	Sleeve, ⅞" O.D. x ⅝" I.D. x 2"
	GD10538-07	-	Sleeve, ¾" O.D. x ½" I.D. x .⅜"
	G10039	-	Hex Head Cap Screw, ½"-13 x 1¾"
	G10111	-	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	GA18959	1	Marker Link, 12 Row
	GA18283	1	Marker Link, 10¾", 16 Row
11	G10033	1	Hex Head Cap Screw, ½"-13 x 3½"
	GD19661-01	1	Sleeve, ¾" O.D. x 5¼" I.D. x 2"
	GD16418-02	2	Sleeve, 1⅞" O.D. x 1⅜" I.D. x 1⅞"
	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 P170
	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 ⅞"-20 O-Ring
	GR1465	-	O-Ring

Continued on the next page.

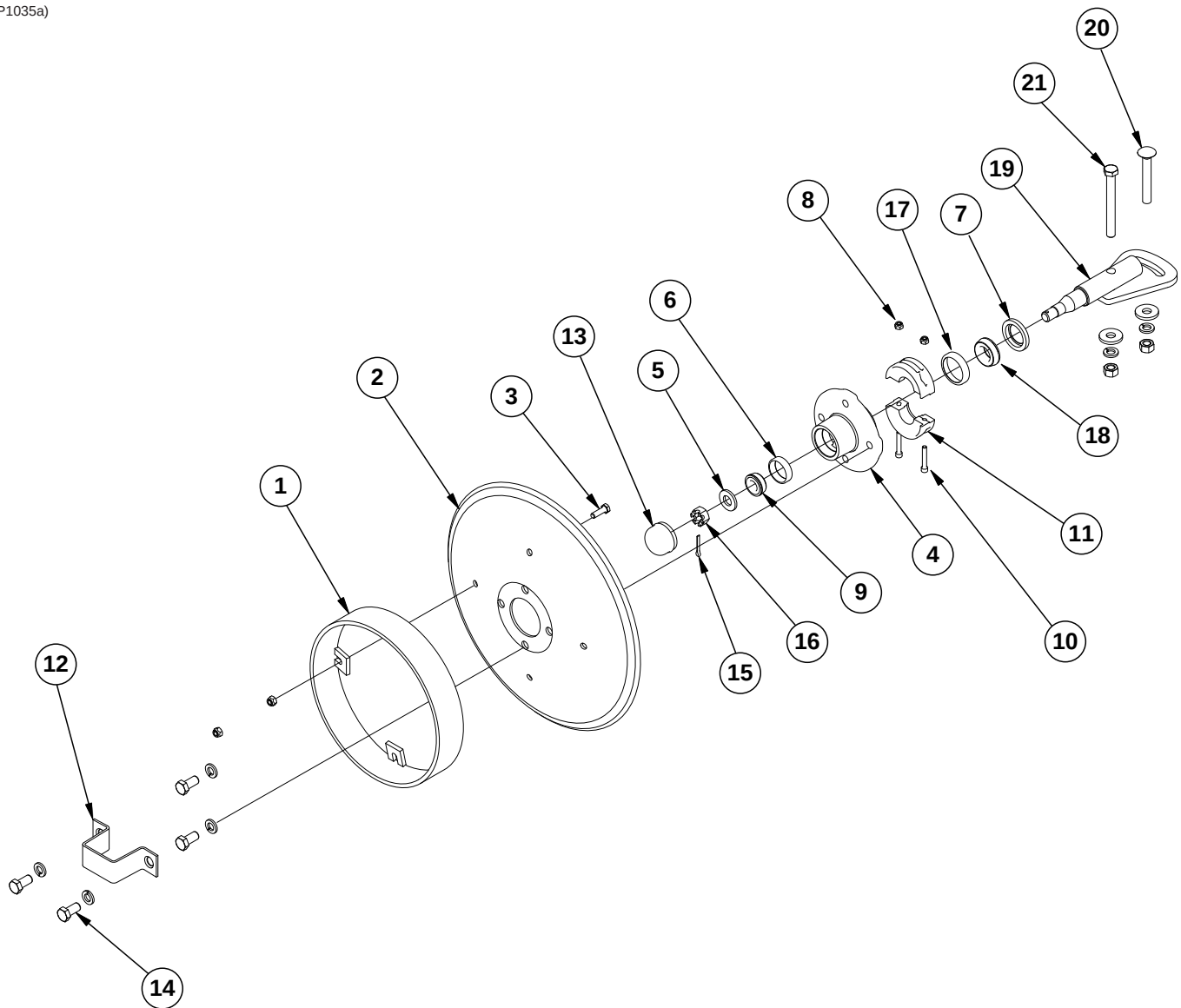
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
14	GD26024	1	Bulkhead Mount
	G306-08	2	Lock Nut, 3/4"-16
	G2701-08	2	Bulkhead Elbow, 90°, 3/4"-16 Male JIC
	G10107	2	Lock Nut, 5/8"-11
15	GD13360	1	Plate, 6" x 6", 12 Row
	GD13359	1	Plate, 7" x 7", 16 Row
16	GD10792	4	Shim, 2½" x 7¼", 16 Gauge (.0598"), 12 Row Only
17	G10012	4	Hex Head Cap Screw, 5/8"-11 x 6½"
	G11391	2	Flat Washer, 5/8" 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	Pin, Marker Arm Hydraulic Cylinder
	G10460	1	Cotter Pin, ¼" x 2"
	G10159	2	Washer, 1⅞", 10 Gauge (.1345")
	G11400	1	Retaining Ring, 1¼"
	G10640	1	Grease Fitting, 1/4"-28
21	GD21143	1	Marker Pin, 1¼" x 9½"
	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"
	G10110	2	Lock Nut, ¼"-20, Grade B
23	GD21142	1	Marker Pin, 1¼" x 11 ⁵⁹ / ₆₄ "
	G11400	1	Retaining Ring, 1¼"
	G10640	1	Grease Fitting, ¼"-28
24	GA18958	1	Arm W/Grease Fitting, Second Stage, 12 Row
	GA18282	1	Arm W/Grease Fitting, Second Stage, 16 Row
25	GA24754	1	Cylinder Lock-Up
	G10536	2	Detent Pin, ½" x 2½" Grip

L.H.



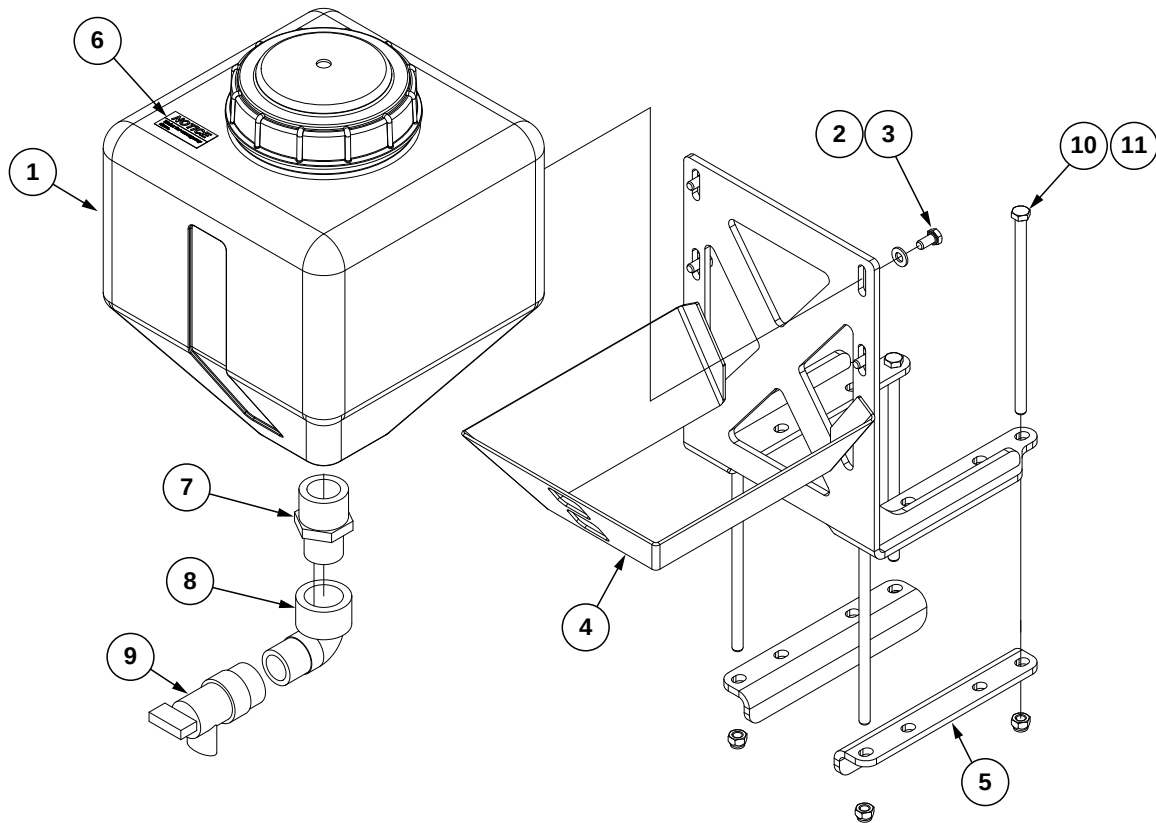
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	---	-	---
2	---	-	---
3	GA14402	1	Marker Stand
4	G10292201	1	Marker Stand Plate
5	GD2721	2	U-Bolt, 2" x 2" x 1/2"-13
	G10071	4	Serrated Flange Nut, 1/2"-13
6	GD4743	2	U-Bolt, 3" x 3" x 1/2"-13
	G10071	4	Serrated Flange Nut, 1/2"-13
7	GA9088	1	Molded Stop, 12 1/4" Long
8	G10017	2	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
	G11389	2	Flat Washer, 1/2" SAE
	G10111	2	Lock Nut, 1/2"-13
9	G10743	1	Hex Head Cap Screw, 5/8"-11 x 3 3/4"
	G11391	1	Flat Washer, 5/8" SAE
	GB0218	1	Bushing, 2 1/32" I.D. x 7/8" O.D. x 1 9/32" Long
	GD10088	1	Special Washer
	G10107	1	Lock Nut, 5/8"-11
10	GA13340	1	Chain Lockup

(IP1035a)



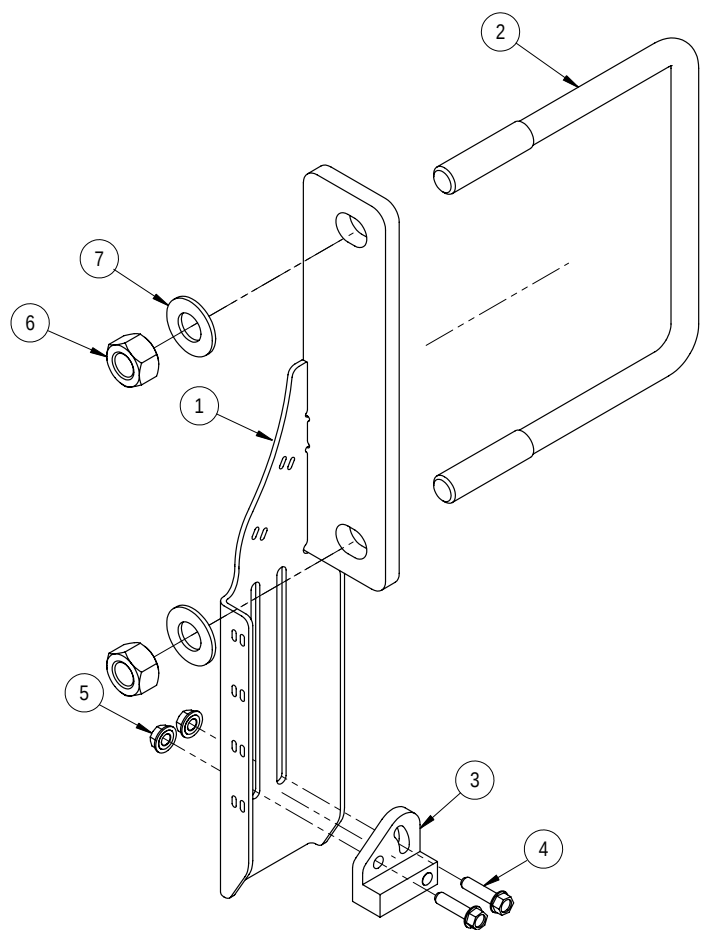
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA5853	1	Depth Band
2	GD0746	1	Disc Blade, Solid, 16" (Shown)
	GD10283	-	Disc Blade, Notched, 16" (Optional)
3	G10019	4	Hex Head Cap Screw, $\frac{5}{16}$ "-18 x 1"
	G10109	4	Lock Nut, $\frac{5}{16}$ "-18, Grade 8
4	GA0167	1	Hub W/Cups, 4 Bolt (Includes Items 6 and 17)
5	G11391	1	Flat Washer, $\frac{5}{8}$ " SAE
6	GR0151	1	Outer Cup
7	GD21540	1	Grease Seal
8	G10110	2	Lock Nut, $\frac{1}{4}$ "-20, Grade B
9	GA0257	1	Bearing
10	G11418	2	Hex Socket Head Cap Screw, $\frac{1}{4}$ "-20 x $1\frac{1}{2}$ "
11	GB0554	2	Hub Shield
12	GD2597	1	Retainer
13	GD0840	1	Dust Cap
14	G10722	4	Hex Head Cap Screw, $\frac{1}{2}$ "-20 x 1"
	G10228	4	Lock Washer, $\frac{1}{2}$ "
15	G10544	1	Cotter Pin, $\frac{5}{32}$ " x 1"
16	G10725	1	Slotted Hex Nut, $\frac{5}{8}$ "-18
17	GR0150	1	Inner Cup
18	GA0245	1	Bearing
19	GA15151	1	Spindle
20	G10844	1	Carriage Bolt, $\frac{1}{2}$ "-13 x $3\frac{1}{2}$ "
	G10168	1	Machine Bushing, $\frac{1}{2}$ ", 7 Gauge
	G10228	1	Lock Washer, $\frac{1}{2}$ "
	G10102	1	Hex Nut, $\frac{1}{2}$ "-13
21	G10045	1	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x $4\frac{1}{2}$ "
	G10168	2	Machine Bushing, $\frac{1}{2}$ ", 7 Gauge
	G10228	2	Lock Washer, $\frac{1}{2}$ "
	G10102	2	Hex Nut, $\frac{1}{2}$ "-13
A	GA13719	-	Hub And Spindle Assembly, (Items 4-7, 9, and 12-19)

(A21003)

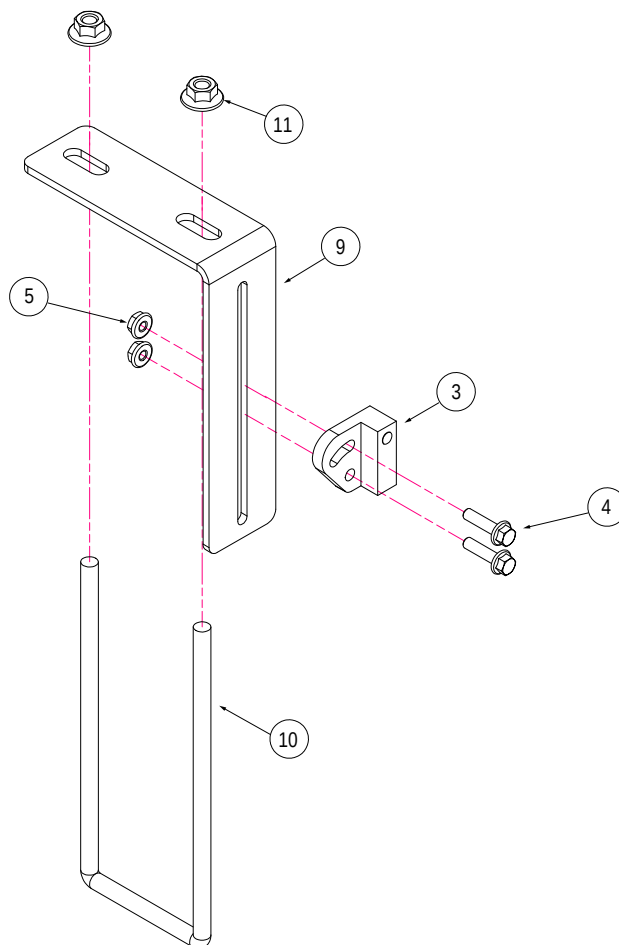


ITEM	PART NO.	QTY.	DESCRIPTION
1	GD30723	1	4 Gallon Water Tank W/Lid
2	G11386	4	Flat Washer, $\frac{5}{16}$ " SAE
3	G10018	4	Hex Head Cap Screw, $\frac{5}{16}$ "-18 x $\frac{5}{8}$ "
4	GA24449	1	Water Tank Mount
5	GD30221	2	Water Tank Mount Brackets
6	G10383201	1	Decal, Notice
7	G10727	1	Reducing Nipple, 1-1/4" x 1"
8	G11742	1	1" NPT 90° Elbow
9	GD30722	1	1" NPTF Flush Valve
10	G10686	4	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 8"

(110280/104049)

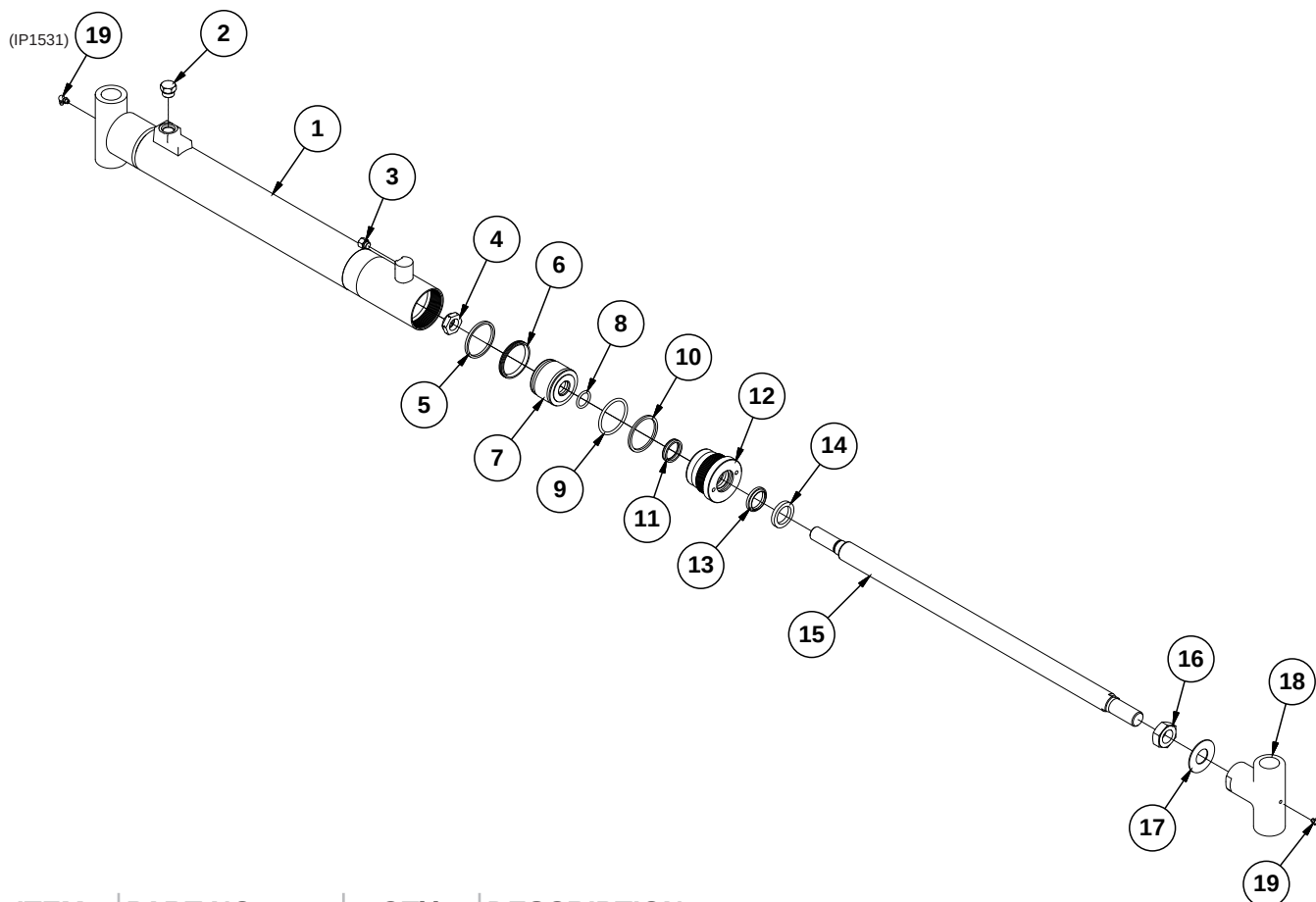


Blue Drive



Ag Leader

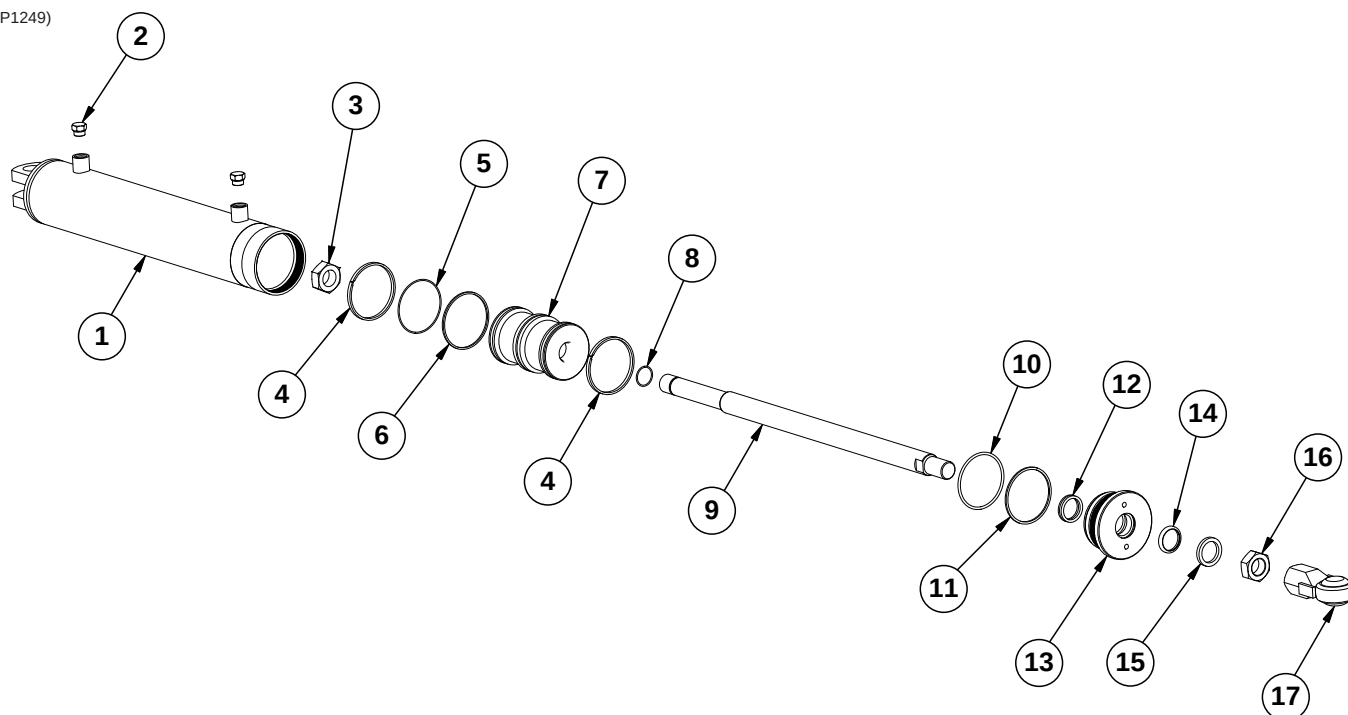
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11027901	1	Implement Switch Mount
2	GD1113	1	U-Bolt, 5" x 7" x 5/8"-11
3	GA18353	1	Position Switch Magnetic Reed
4	G11409	2	Hex Serrated Flanged Cap Screw, 1/4"-20 x 1"
5	G10621	2	Serrated Flange Nut, 1/4"-20
6	G10104	2	Hex Nut, 5/8"-11
7	G11391	2	Flat Washer, 5/8" SAE
8	---	-	---
9	G10403801	1	Switch Mount Bracket
10	G10403501	1	U-Bolt, 3" x 8" x 3/8"-16
11	G11091	2	Serrated Flange Nut, 3/8"-16
12	G11409	2	Hex Serrated Flanged Cap Screw, 1/4"-20 x 1"
13	G10621	2	Serrated Flange Nut, 1/4"-20



ITEM	PART NO.	QTY.	DESCRIPTION
1	A14631	1	Barrel (Non-Stock Item)
2	G6408-08 GR1037	1	Plug W/O-Ring, 3/4"-16 O-Ring
3	G6408-04 GR1465	1	Plug W/O-Ring, 7/16"-20 O-Ring
4	GD27234	1	Nylon Lock Nut, 7/8"-14, Grade 8
5	*D12012	1	Piston Ring
6	*D12275	1	T-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, 1 1/4"
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°, 1/4"-28
A	GA21030	-	Cylinder Complete, 2 1/2" 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.

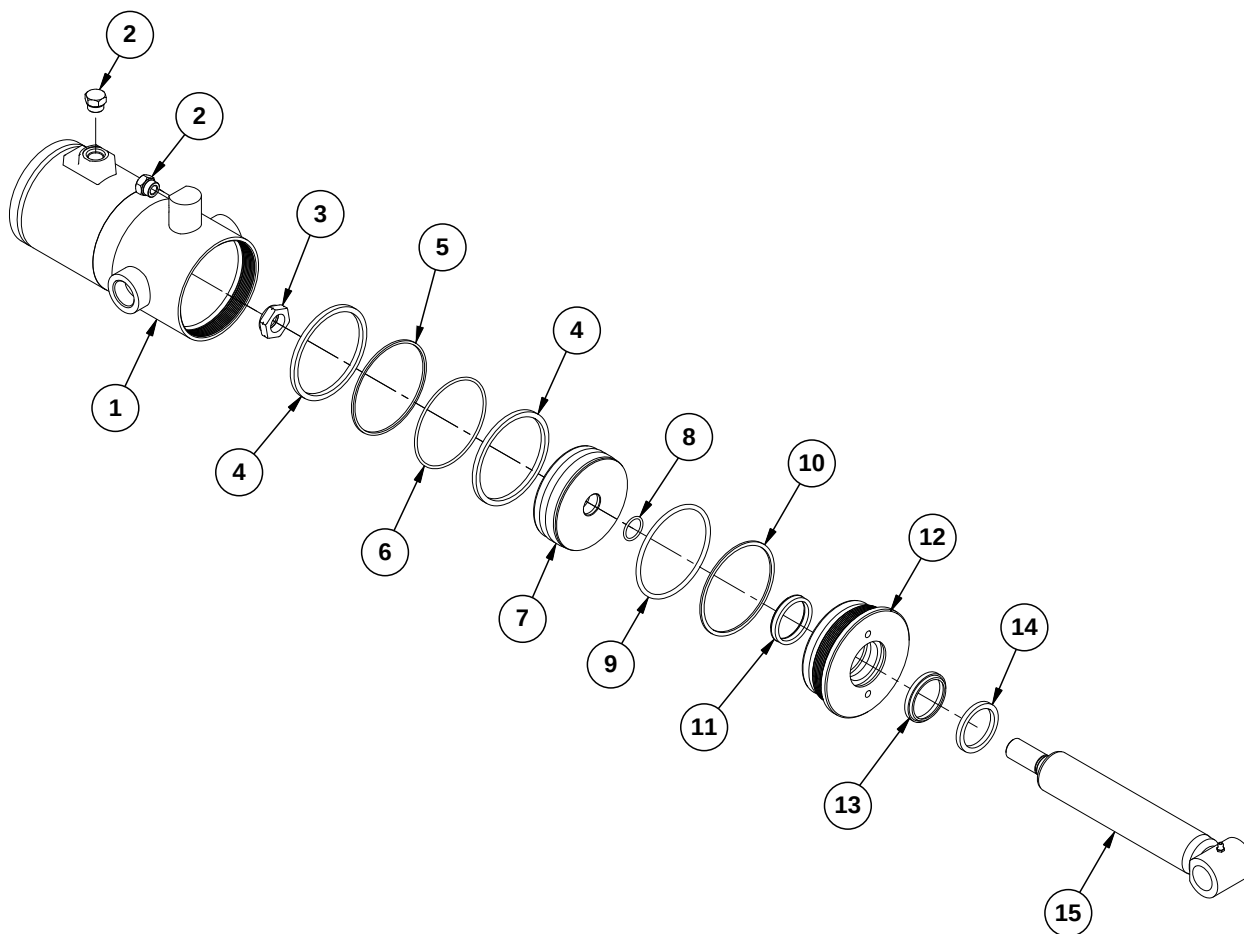
(IP1249)



ITEM	PART NO.	QTY.	DESCRIPTION
1	**A7220	1	Barrel (Non-Stock Item)
2	G6408-08	2	Plug W/O-Ring, 3/4"-16 O-Ring
	GR1037	-	O-Ring
3	G10972	1	Lock Nut, 1 1/4"-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	G10509	1	Hex Jam Nut, 1 1/4"-12, Grade 2
17	GA7221	1	Threaded Ball Joint End
A	GA8904	-	Cylinder Complete, 4" x 16" (<i>Part Number Stamped On Barrel</i>)
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.

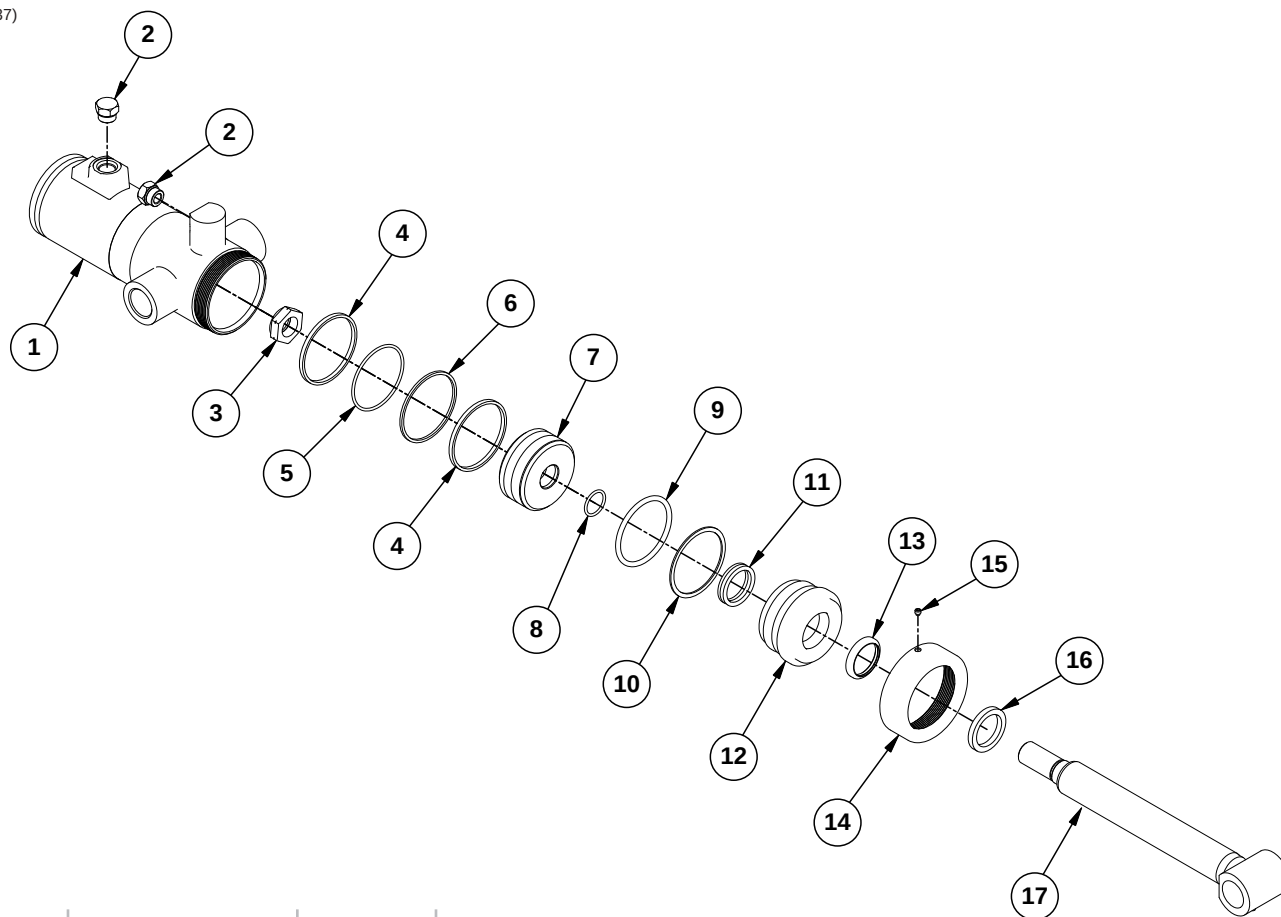
(IP1538)



ITEM	PART NO.	QTY	DESCRIPTION
1	**A14278	1	Barrel (Non-Stock Item)
2	G6408-08 GR1037	2 -	Plug W/O-Ring, 3/4"-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, 4 3/4" x 6" <i>(Part Number Stamped On Barrel)</i> , Style A Cylinder Complete, 4 3/4" x 6.19" <i>(Part Number Stamped On Barrel)</i> , 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.

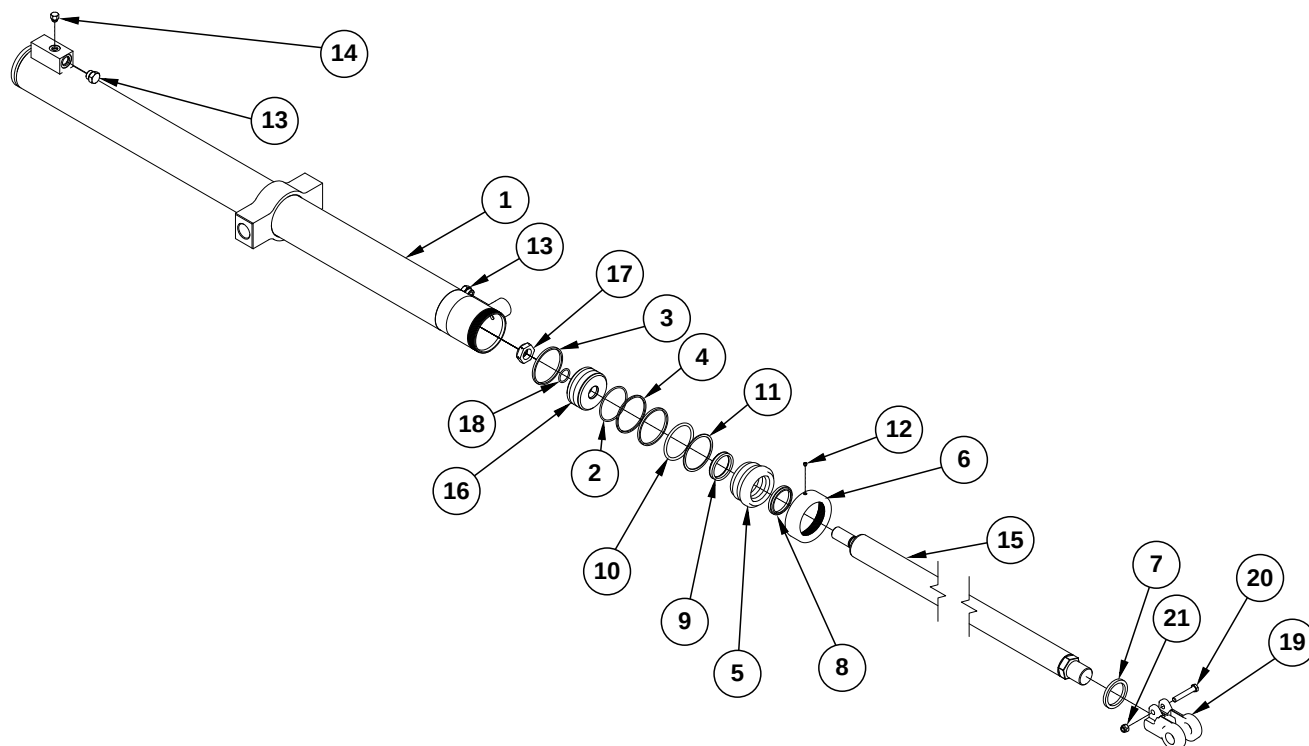
(IP1537)



ITEM	PART NO.	QTY	DESCRIPTION
1	**A9467	1	Barrel (Non-Stock Item)
2	G6408-08	2	Plug W/O-Ring, 3/4"-16 O-Ring
	GR1037	-	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, 1 1/2"
14	GD13303	1	Cap
	G10907	1	Set Screw, 1/4"-20 x 1/4"
15	G10907	1	Set Screw, 1/4"-20 x 1/4"
16	GD12103	1	Ring
17	GA21592	1	Rod
A	GA21591	-	Cylinder Complete, 3 3/4" x 6" (<i>Part Number Stamped On Barrel</i>)
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.

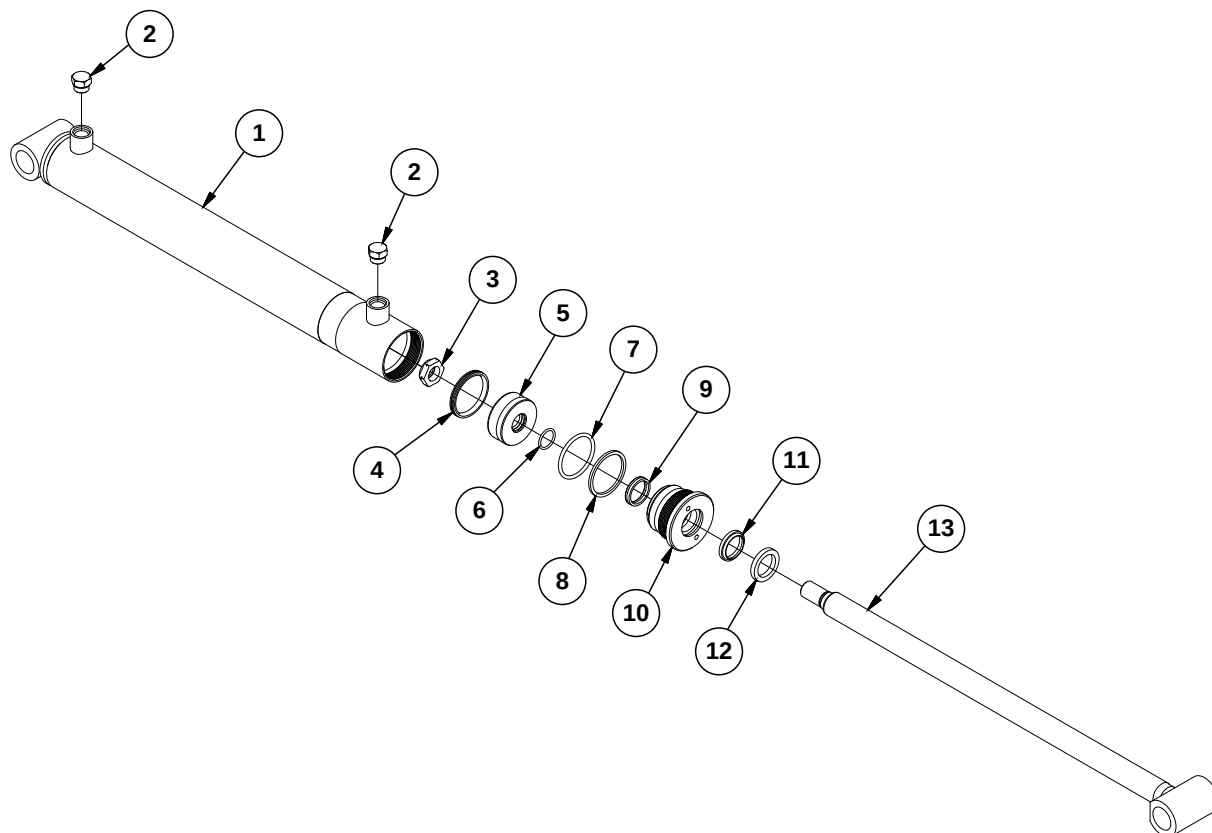
(IP1536)



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	1	Gland, 12 Row
	GD13307	1	Gland, 16 Row
6	GD13303	1	Cap
7	GD12106	1	Ring
8	*D12218	1	Wiper, 12 Row
	*D12240	1	Wiper, 16 Row
9	*D12254	1	U-Cup, 12 Row
	*D12255	1	U-Cup, 16 Row
10	*D12227	1	O-Ring
11	*D12228	1	Backup Ring
12	G10907	1	Set Screw, 1/4"-20 x 1/4"
13	G6408-08	2	Plug W/O-Ring, 3/4"-16 O-Ring
	GR1037	-	O-Ring
14	G6408-04	1	Plug W/O-Ring, 7/16"-20 O-Ring
	GR1465	-	O-Ring
15	GD30880	1	Rod, 12 Row
	GD30696	1	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, 3/8"-16 x 2 1/4"
21	G10108	1	Lock Nut, 3/8"-16
A	GA21813	-	Cylinder Complete, 3 3/4" x 48" (Part Number Stamped On Barrel), 12 Row
	GA21771	-	Cylinder Complete, 3 3/4" x 48" (Part Number Stamped On Barrel), 16 Row
B	GR2234	-	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
	GR2230	-	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.

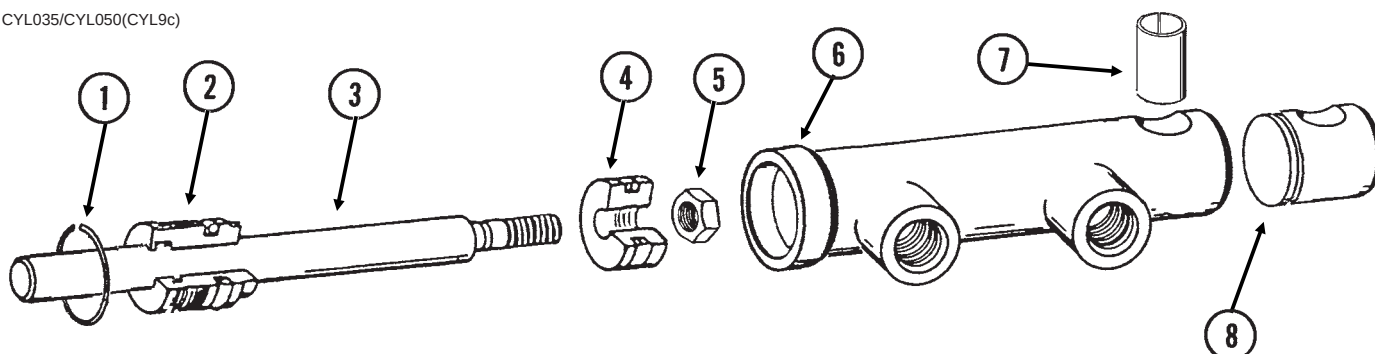
(IP1533)



ITEM	PART NO.	QTY.	DESCRIPTION
1	**A8822	1	Barrel (Non-Stock Item)
2	G6408-08 GR1037	2 -	Plug W/O-Ring, $\frac{3}{4}$ "-16 O-Ring O-Ring
3	GD27234	1	Nylon Lock Nut, $\frac{7}{8}$ "-14, Grade 8
4	*D12275	1	T-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, $2\frac{1}{2}$ " x $20\frac{3}{16}$ " (Part Number Stamped On Barrel)
B	GR1522	-	Seal Kit, Includes: (1) T-Seal, (2) O-Rings, (1) Backup Ring, (1) U-Cup, (1) Wiper
* Item is part of seal kit, item can not be purchased individually.			

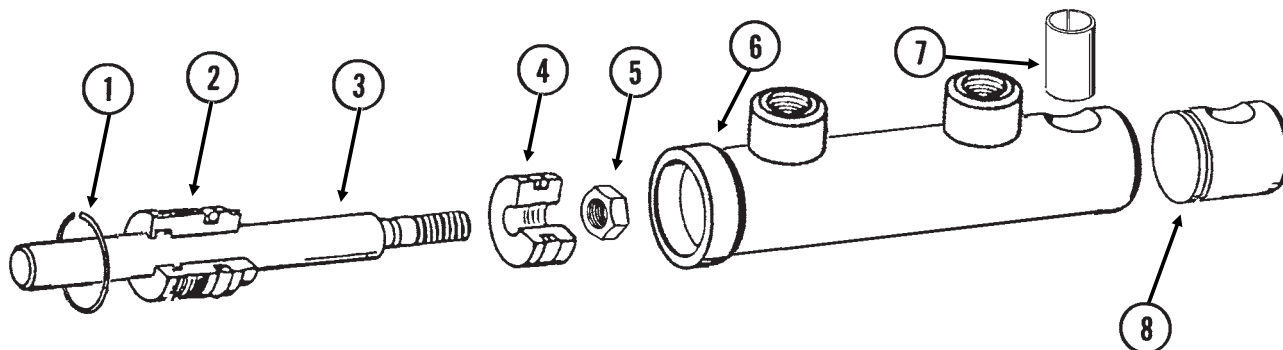
CYL035/CYL050(CYL9c)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10770	1	Internal Retaining Ring, 1 $\frac{1}{16}$ "
2	GD13170	1	Gland
3	GD13425	1	Rod
4	GD13172	1	Piston
5	GD27232	1	Nylon Lock Nut, $\frac{1}{2}$ "-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, 1 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " (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

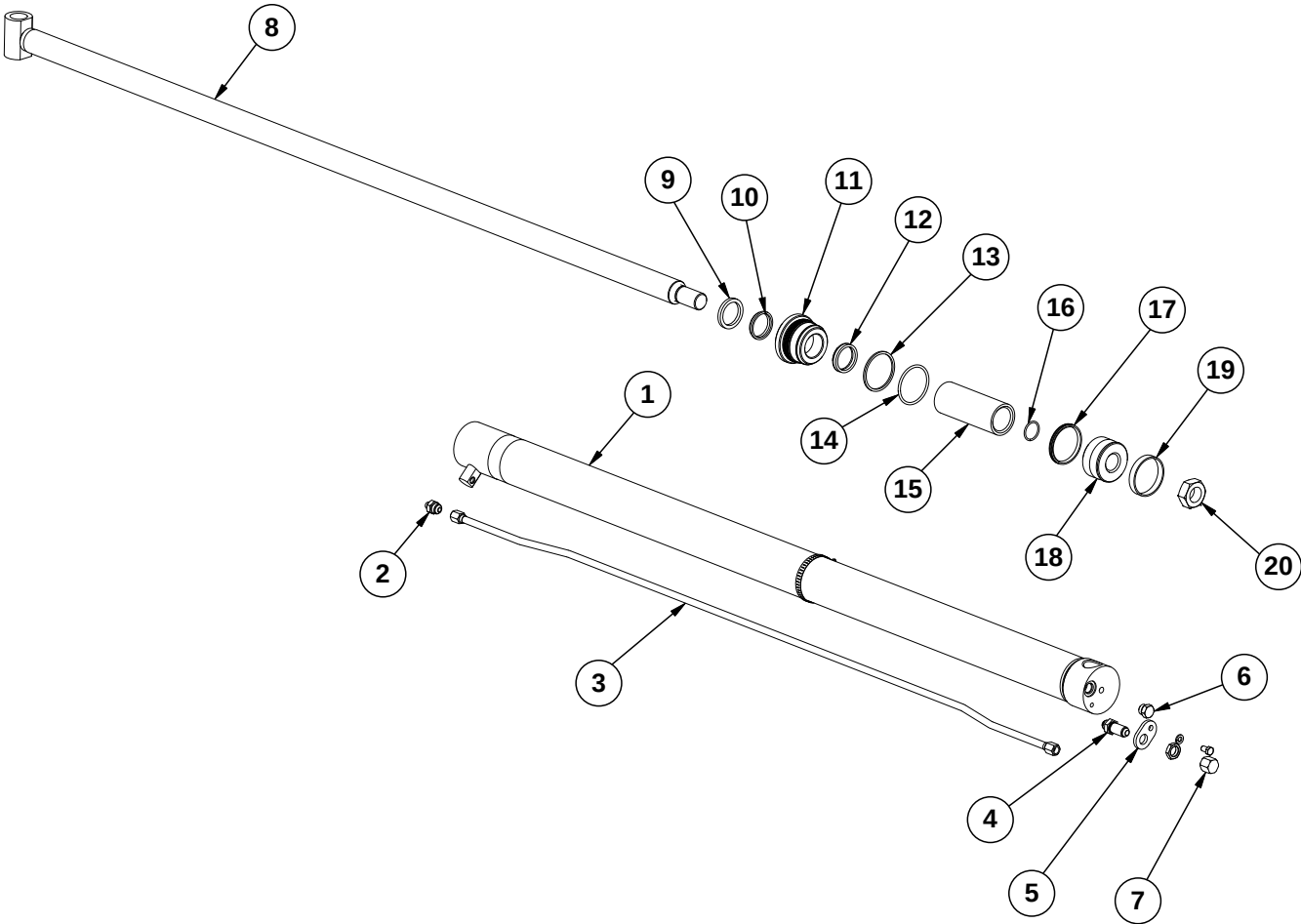
Tongue Lock Cylinder

CYL035(CYL9d)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10770	1	Internal Retaining Ring, 1 $\frac{1}{16}$ "
2	GD13170	1	Gland
3	GD13171	1	Rod
4	GD13172	1	Piston
5	GD27232	1	Nylon Lock Nut, $\frac{1}{2}$ "-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, 1 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " (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

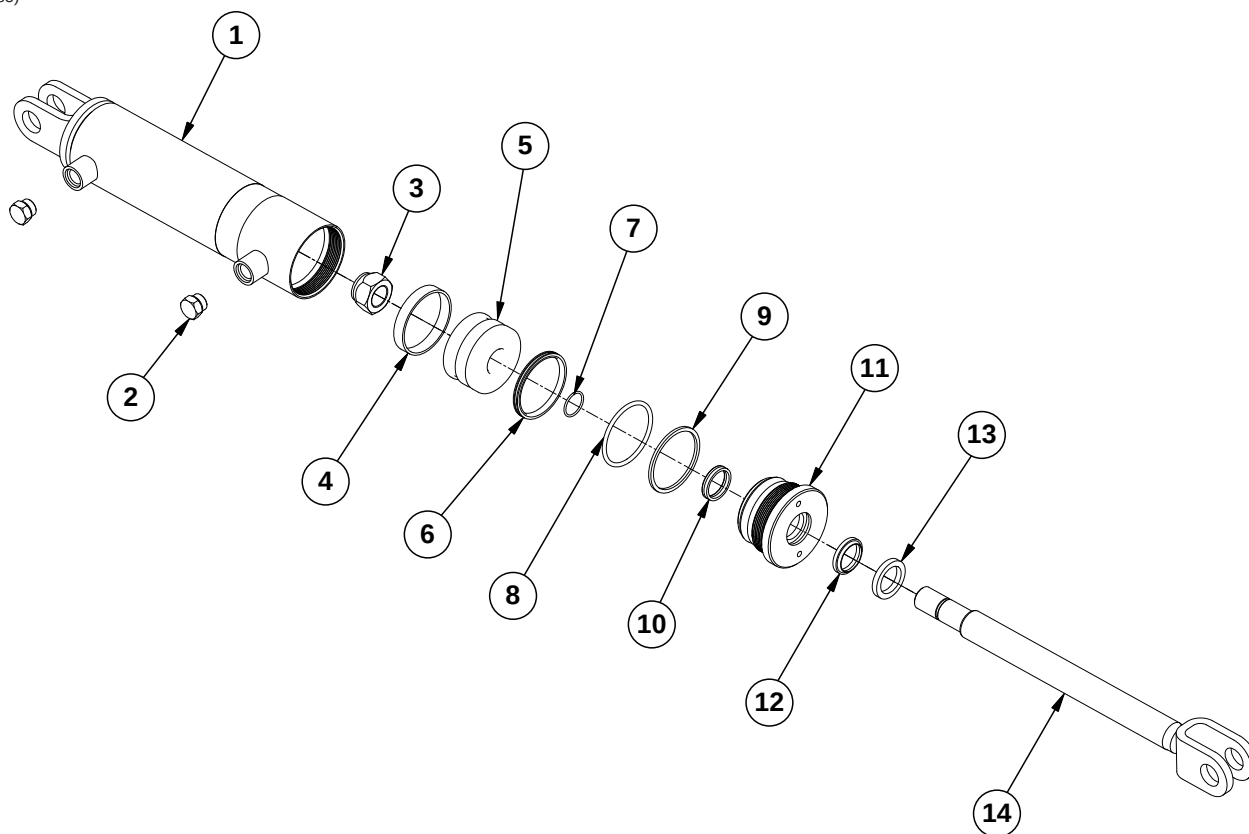
(IP1251)



ITEM	PART NO.	QTY.	DESCRIPTION
1	**A13937	1	Barrel, 12 Row (Non-Stock Item)
	**A13953	1	Barrel, 16 Row (Non-Stock Item)
2	G6400-08-04	1	Connector W/O-Ring, 3/4"-16 Male JIC To 7/16"-20 O-Ring
	GR1465	-	O-Ring
3	GA13939	1	Hydraulic Tube Assembly, 62 7/8"
	GA8979	1	Hydraulic Tube Assembly, 92 1 1/16"
	G10990	1	Hose Clamp, No. 52
4	G2700-08	1	Bulkhead Tube Union, 3/4"-16 Male JIC
	G306-08	1	Lock Nut, 3/4"-16
5	GD12597	1	Bracket
	G10328	1	Hex Head Cap Screw, 3/8"-16 x 5/8"
	G10229	1	Lock Washer, 3/8"
6	G6408-08	1	Plug W/O-Ring, 3/4"-16 O-Ring
	GR1037	-	O-Ring
7	G304-C-08	1	Cap Nut, 3/4"-16
8	GA13935	1	Rod Assembly, 12 Row
	GA8859	1	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	GD26483	1	Stroke Limiter
16	*D12204	1	O-Ring, No. 218
17	*D12278	1	T-Seal
18	GD11970	1	Piston
19	*D12047	1	Wear Ring
20	GD27237	1	Nylon Lock Nut, 1 1/4"-12, Grade 8
A	GA18977	-	Cylinder Complete, 3" x 40.5", 12 Row <i>(Part Number Stamped On Barrel)</i>
	GA18287	-	Cylinder Complete, 3" x 73.38", 16 Row <i>(Part Number Stamped On Barrel)</i>
B	GR1519	-	Seal Kit Includes: (2) O-Rings, (1) BU Ring, (1) Wear Ring, (1) Wiper, (1) U-Cup, (1) T-Seal

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

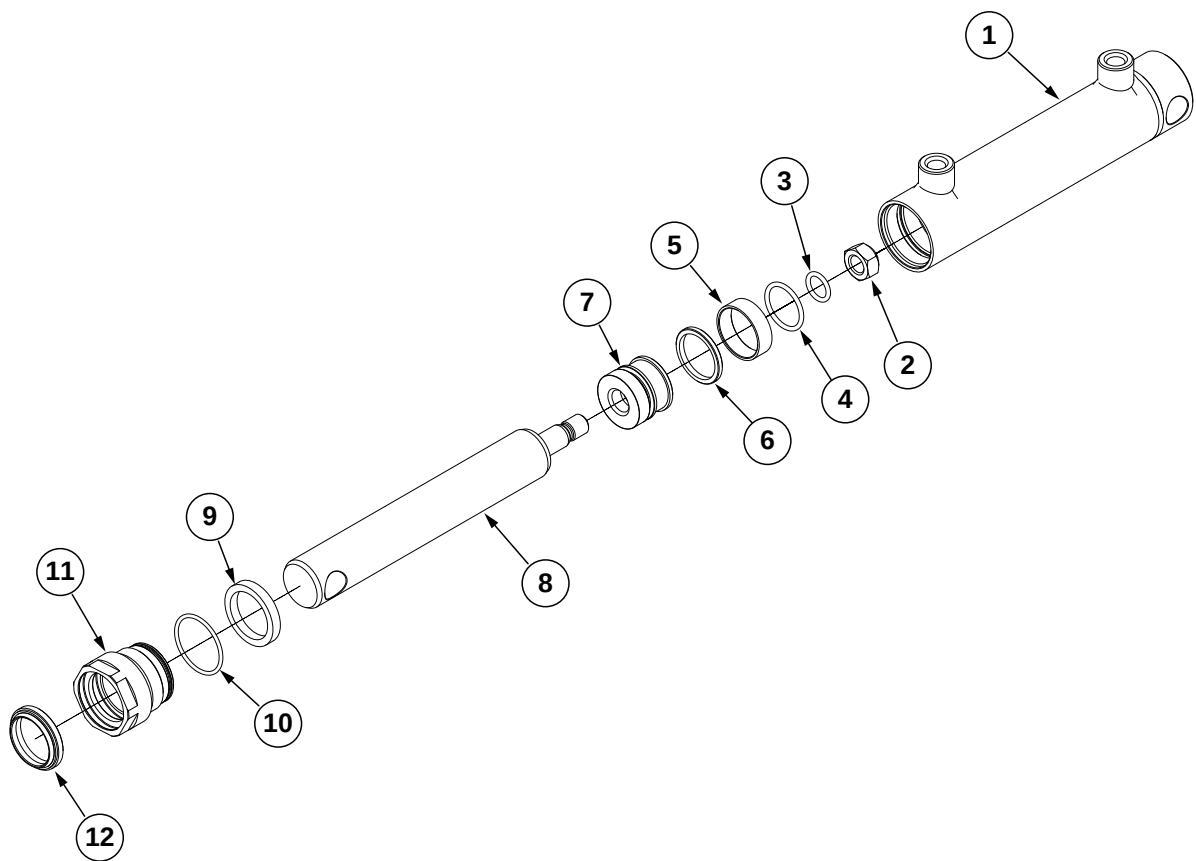
(IP1285)



ITEM	PART NO.	QTY.	DESCRIPTION
1	**A14480	1	Barrel (Non-Stock Item)
2	G6408-08	2	Plug W/O-Ring, 3/4"-16 O-Ring
	GR1037	-	O-Ring
3	GD27235	1	Nylon Lock Nut, 1"-14, Grade 8
4	*D12047	1	Wear Ring
5	GD12502	1	Piston
6	*D12278	1	T-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	-	Seal Kit, Includes: (1) Wear Ring, (2) O-Rings, (1) BU Ring, (1) U-Cup, (1) Wiper, (1) T-Seal

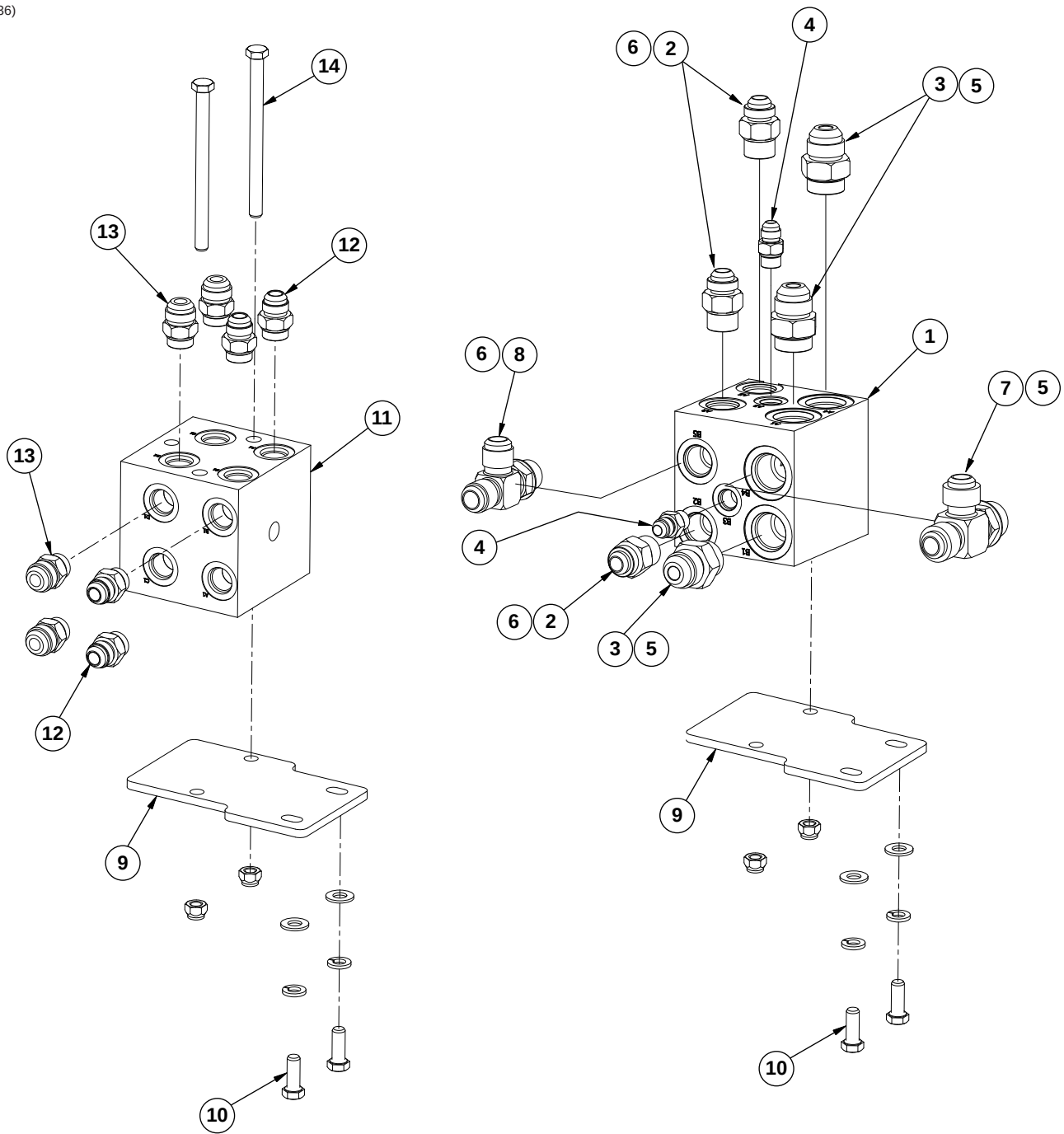
* Item is part of seal kit, item can not be purchased individually.

(IP1531)



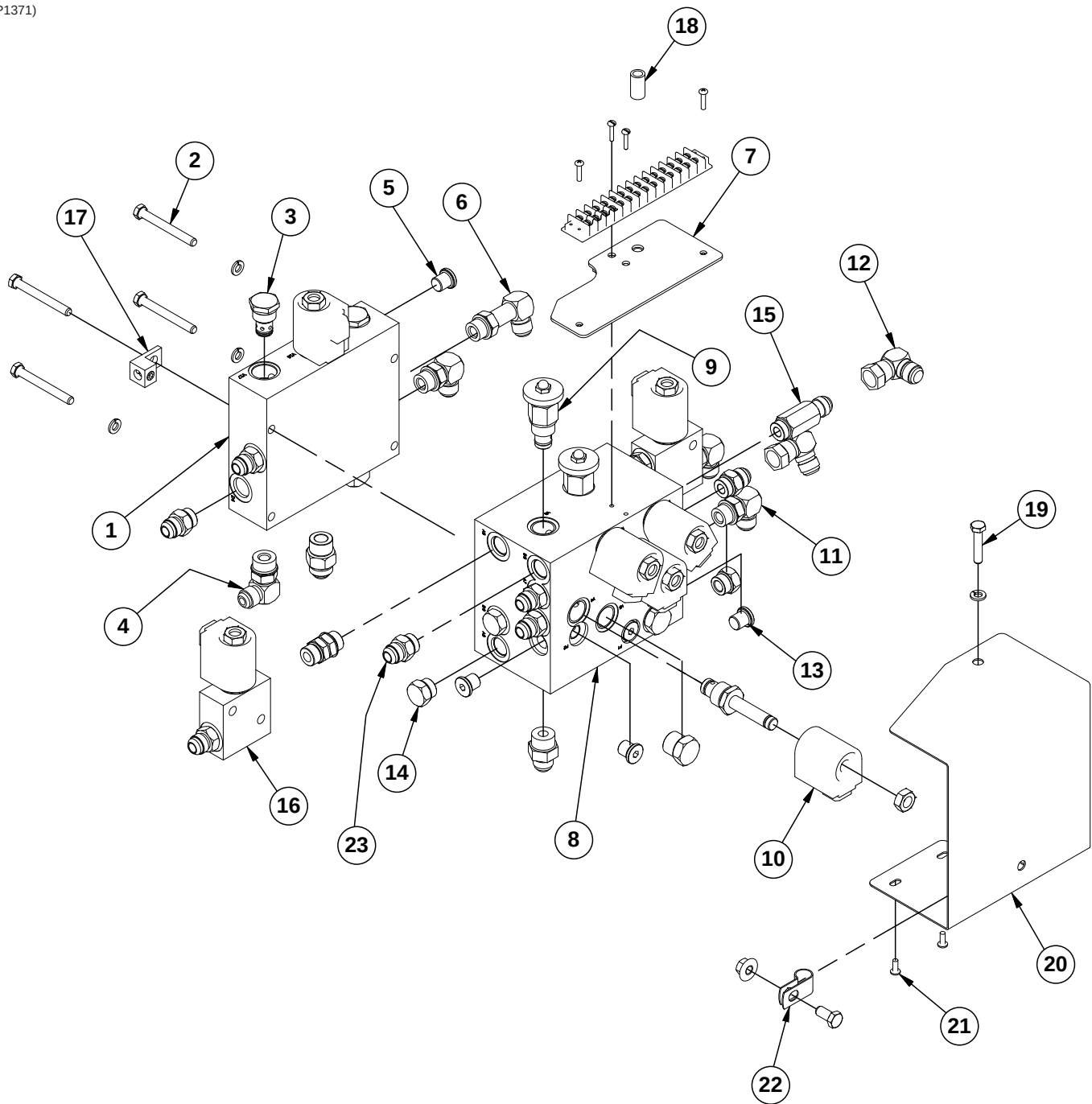
ITEM	PART NO.	QTY.	DESCRIPTION
1	R2282	1	Barrell (Non-Stock Item)
2	*R2309	1	Piston Nut
3	*R2303	1	O-Ring
4	*R2300	1	Piston O-Ring
5	*R2302	1	Wear Band
6	*R2301	1	Piston Seal
7	*R2308	1	Piston
8	*R2281	1	Cylinder Rod
9	*R2305	1	Rod Seal
10	*R2304	1	O-Ring
11	*R2283	1	Head Gland
12	*R2307	1	Wiper
A	GA25261	-	Cylinder Complete, 1½" x 4¾"
B	GR2362	-	Piston Rod and Seals Assembly, Includes Items 2-8
C	GR2363	-	Head Gland and Seals Assembly, Includes Items 9-12
* Item is part of a sub-assembly, item can not be purchased individually.			

(IP1236)



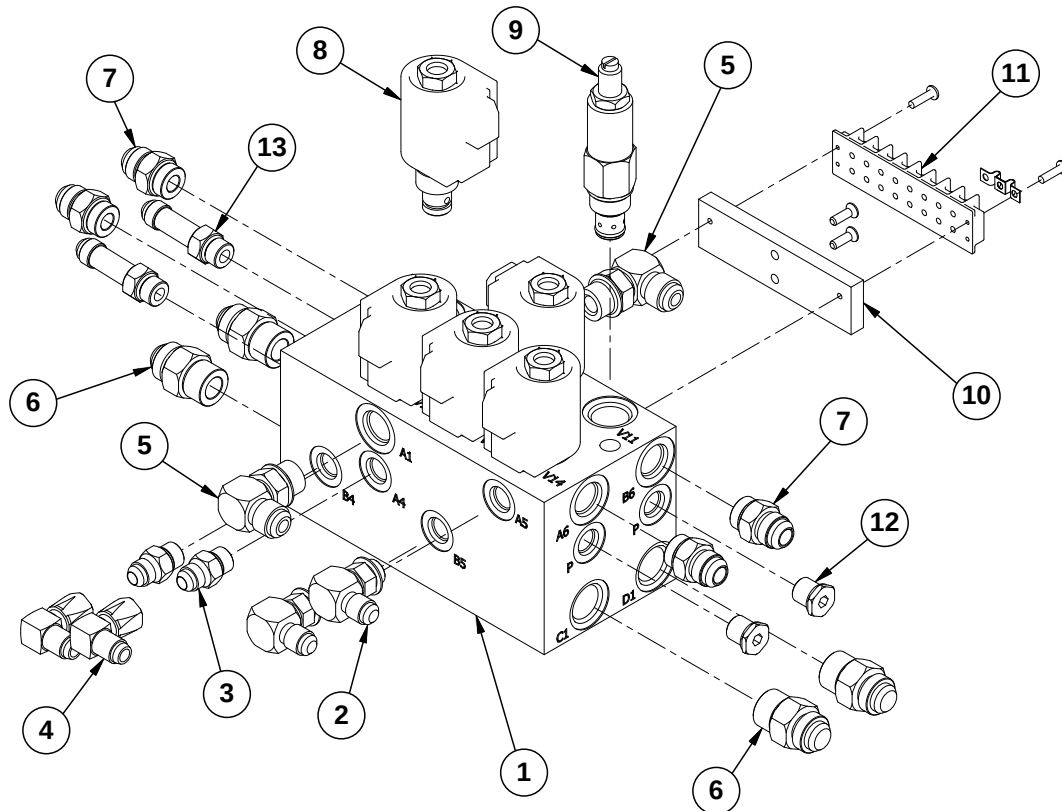
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD20697	1	Fan Junction Block
2	G6400-10	3	Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring
	GR1037	-	O-Ring
3	G6400-12	3	Connector, W/O-Ring, 1 1/16"-12 Male JIC To O-Ring
	GR1467	-	O-Ring
4	G6400-06	2	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring
	GR1045	-	O-Ring
5	G11139	5	Thread Protector, 1 1/16"-12
6	G10493	5	Thread Protector, 7/8"-14
7	G6804-12	1	Adjustable Tee W/O-Ring, 1 1/16"-12 Male JIC To O-Ring
	GR1467	-	O-Ring
8	G6804-10	1	Adjustable Tee W/O-Ring, 7/8"-14 Male JIC To O-Ring
9	GD20695	1	Extension Plate
10	G10001	4	Hex Head Cap Screw, 3/8"-16 x 1"
	G10229	4	Lock Washer, 3/8"
	G11387	4	Flat Washer, 3/8" SAE
11	GD9971	1	Manifold Block
12	G6400-08	4	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
13	G6400-10-08	4	Connector W/O-Ring, 7/8"-14 Male JIC To 3/4"-16 O-Ring
	GR1037	-	O-Ring
14	G10172	2	Hex Head Cap Screw, 3/8"-16 x 5"
	G10108	2	Lock Nut, 3/8"-16

(IP1371)



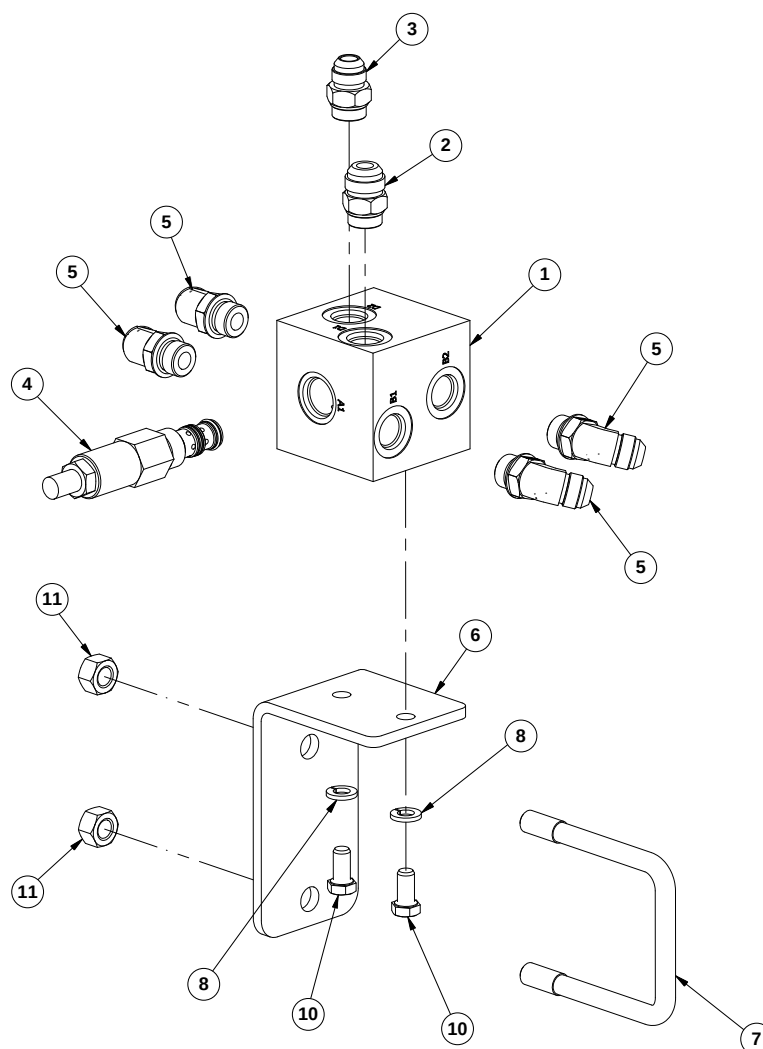
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD9977	1	Block
	G6801-08	1	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
	G6400-08	2	Connector W/O-Ring, ¾"-16 Male JIC To O-Ring
	GR1037	-	O-Ring
	G6400-10	1	Connector W/O-Ring, ⅞"-14 Male JIC To O-Ring
	GR1466	-	O-Ring
	---	1	See "Solenoid Valve" on page P195
2	G10583	4	Hex Head Cap Screw, ⅝"-18 x 2¾"
	G10232	3	Lock Washer, ⅝"
3	GA4293	2	Check Valve
	GR2041	-	Seal Kit
4	G6801-08-10	2	Elbow W/O-Ring, 90°, ¾"-16 Male JIC To ⅞"-14 O-Ring
	GR1466	-	O-Ring
	G6403-NWO-08	2	Adjustable Union, ¾"-16 O-Ring
5	G6408-H06-O	1	Hex Socket Head Plug W/O-Ring, ⅝"-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
	G11066	2	Phillips Pan Head Machine Screw, No. 10-24 x ¾", Stainless Steel
	G11067	2	Phillips Pan Head Machine Screw, No. 8-32 x ¾", Stainless Steel
	GA9097	1	Terminal Strip W/Screws, No. 6, 14 Terminal
	GD13310	3	Jumper, ⅞"
8	GD9533	1	Block
	G6408-10	2	Plug W/O-Ring, ⅞"-14 O-Ring
	GR1466	-	O-Ring
	G6400-08	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 P195
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, ⅝"-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	G10003	1	Hex Head Cap Screw, 3/8"-16 x 1 1/2"
	G10229	1	Lock Washer, ⅜"
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	G6403-NWO-08	2	Adjustable Union W/O-Ring, ¾"-16
A	GR0764	-	Seal Kit, Includes: (2) O-Rings, (1) BU Ring

(IP1110/IP1111)



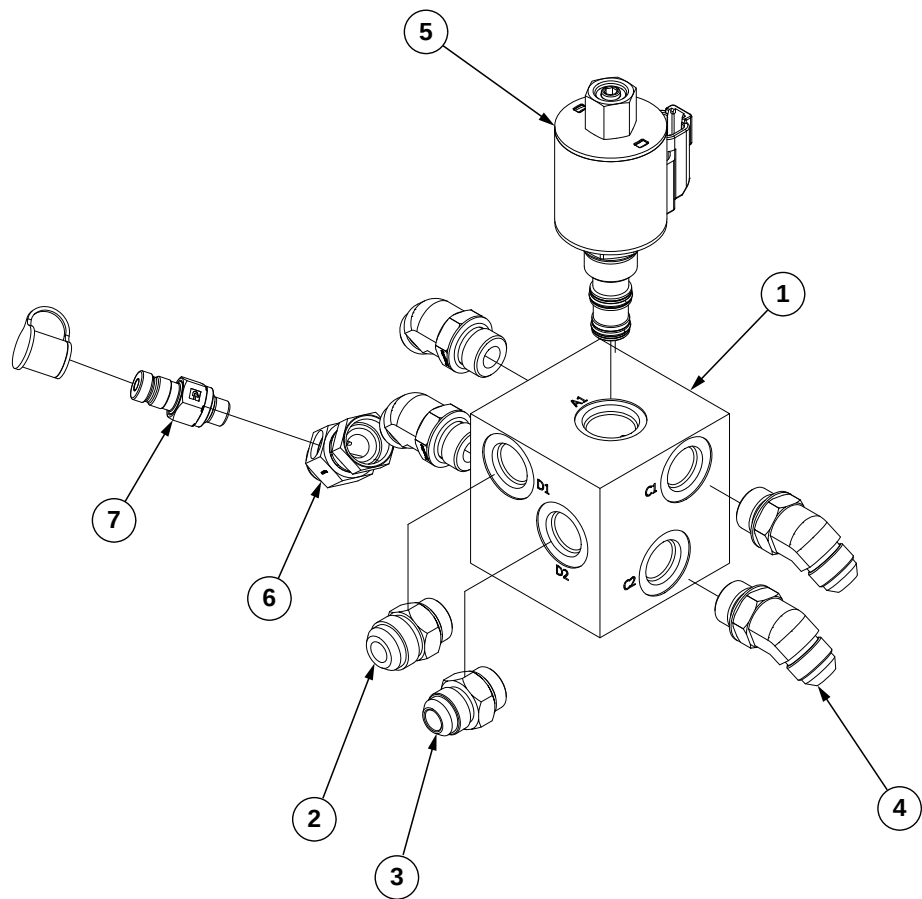
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD9905	1	Block
2	G6801-06 GR1045	2 -	Elbow W/O-Ring, 90°, 1/8"-18 Male JIC To O-Ring O-Ring
3	G6400-06 GR1045	2 -	Connector W/O-Ring, 1/8"-18 Male JIC To O-Ring O-Ring
4	G6500-06	2	Swivel Elbow, 90°, 1/8"-18 Male JIC To Female
5	G6801-08 GR1037	2 -	Elbow W/O-Ring, 90°, 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	G6400-08 GR1037	4 -	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring O-Ring
8	---	-	See "Solenoid Valve" on page P195
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, 1/16" 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, 1/8"-18 O-Ring
13	G6400-L-06 GR1045	2 -	Long Connector W/O-Ring, 1/8"-18 Male JIC To O-Ring O-Ring
A	GR0764	-	Seal Kit, Includes: (2) O-Rings, (1) BU Ring

(IP1256)



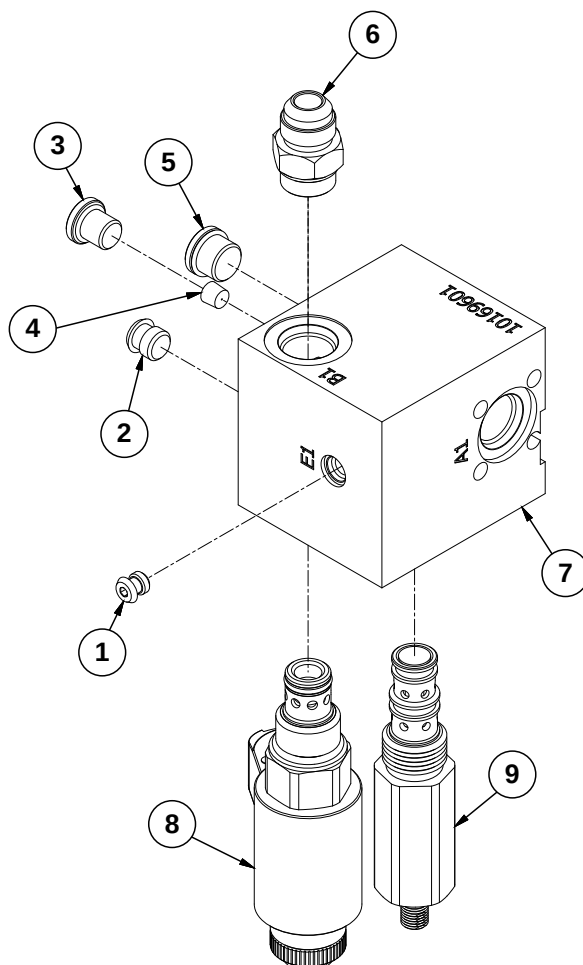
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD20718	1	Wing Down Pressure Valve Block
2	G6400-10-08 GR1037	1 -	Connector W/O-Ring, 7/8"-14 Male JIC To 3/4"-16 O-Ring O-Ring
3	G6400-08 GR1037	1 -	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring O-Ring
4	GA14489 GR2043	1 -	Pressure Reducing Relief Valve Seal Kit
5	G6802-08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

(103075)



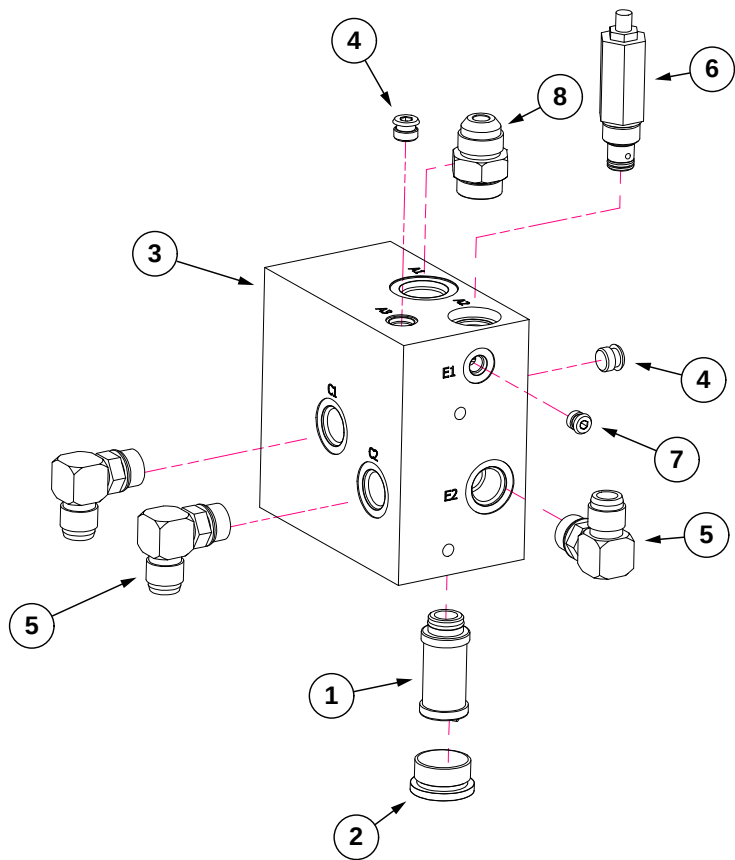
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD20718	1	Wing Down Pressure Valve Block
2	G6400-10-08	1	Connector W/O-Ring, 7/8"-14 Male JIC To 3/4"-16 O-Ring
3	G6400-08	1	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring
4	G6802-08	4	Elbow W/O-Ring, 45°, 3/4"-16 Male JIC To O-Ring
5	G10269501	1	Valve with Coil
6	G6504-08-08-04	1	Gauge Port
7	G10568101	1	Pressure Sensor

(IP1712)



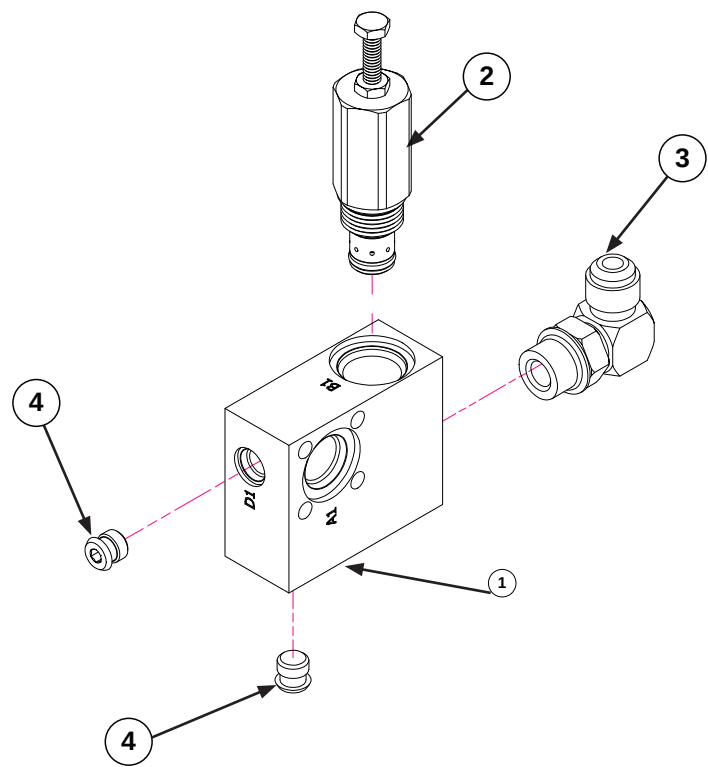
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD29318	1	Plug
2	GD29321	1	Plug
3	G6408-H04-0	1	Hex Socket Head Plug, $\frac{7}{16}$ "-20
4	GD29324	1	Flow Restrictor Orifice, .020" Diameter
5	G6408-H06-O GR1045	1 -	Hex Socket Head Plug W/O-Ring, $\frac{9}{16}$ "-18 O-Ring
6	G6400-08 GR1037	1 -	Connector W/O-Ring, $\frac{3}{4}$ "-16 Male JIC To O-Ring O-Ring
7	G10169601	1	Fan Block Control
8	G10306201	1	Hydraulic Fan Block Coil
9	G10019401	1	Fan Control Cartridge

(101912)



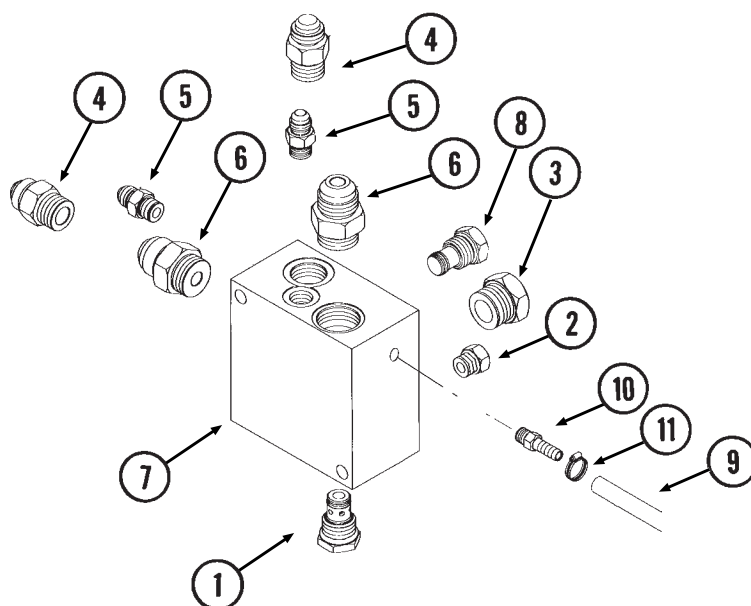
ITEM	PART NO.	QTY.	DESCRIPTION
1	GR2312	1	Manifold Cartridge Filter
2	G6408-HHP-16	1	O-Ring Plug, 1-5/16"-12
3	G10191301	1	Hydraulic Block Manifold
4	GD29319	2	Zero Leak Plug
5	G6801-10	3	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring
	GR1037	-	O-Ring
6	G10349401	1	Pressure Relief Valve
7	GD29321	1	Zero Leak Plug
8	G6400-12	1	Connector, W/O-Ring, 1 1/16"-12 Male JIC To O-Ring
	GR1467	-	O-Ring

(101999)



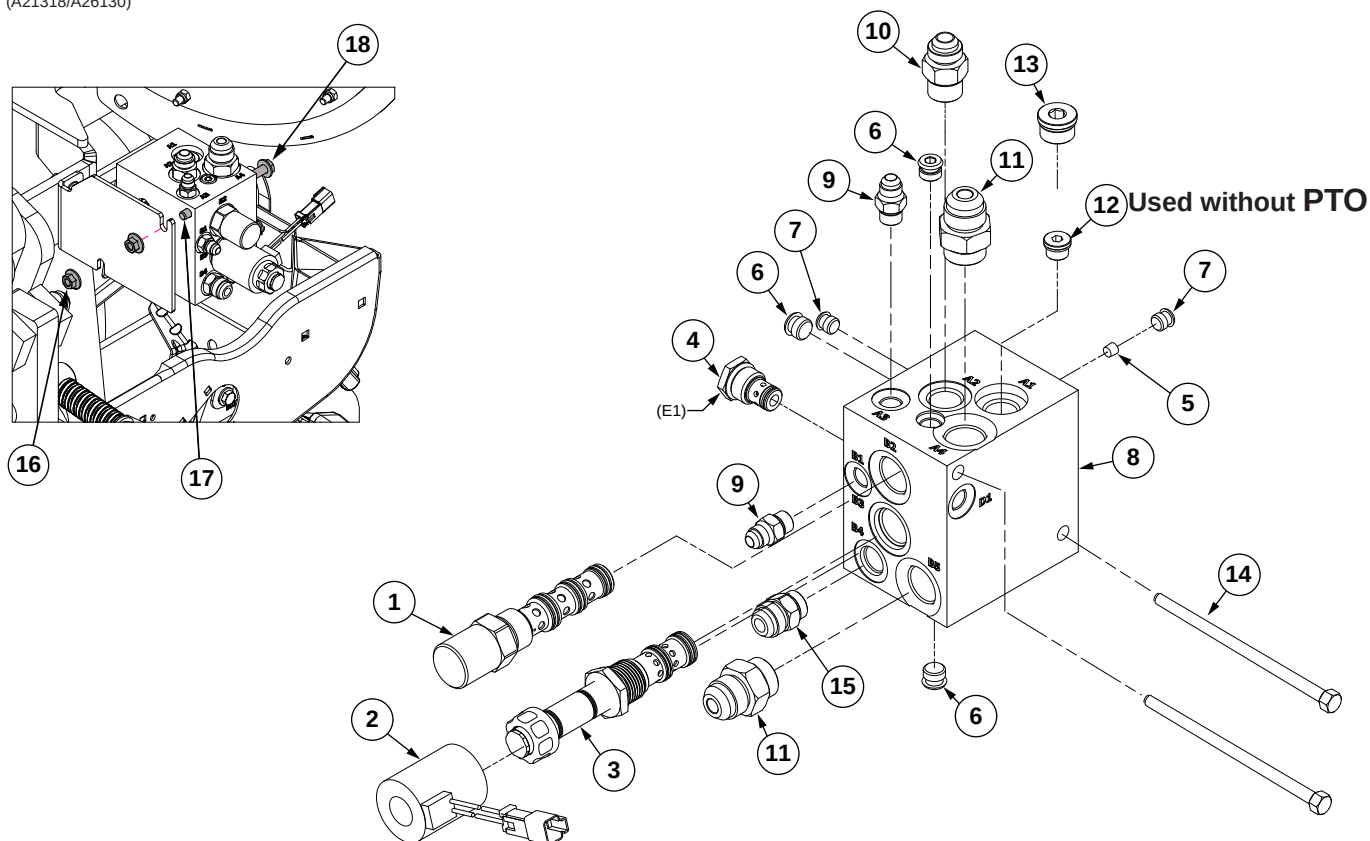
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10169701	1	Manifold Hydraulic Block
2	G10053801	1	Adjustable Flow Control Valve
3	G6801-08	1	Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To O-Ring
4	GD29321	1	Plug

(A11068d)



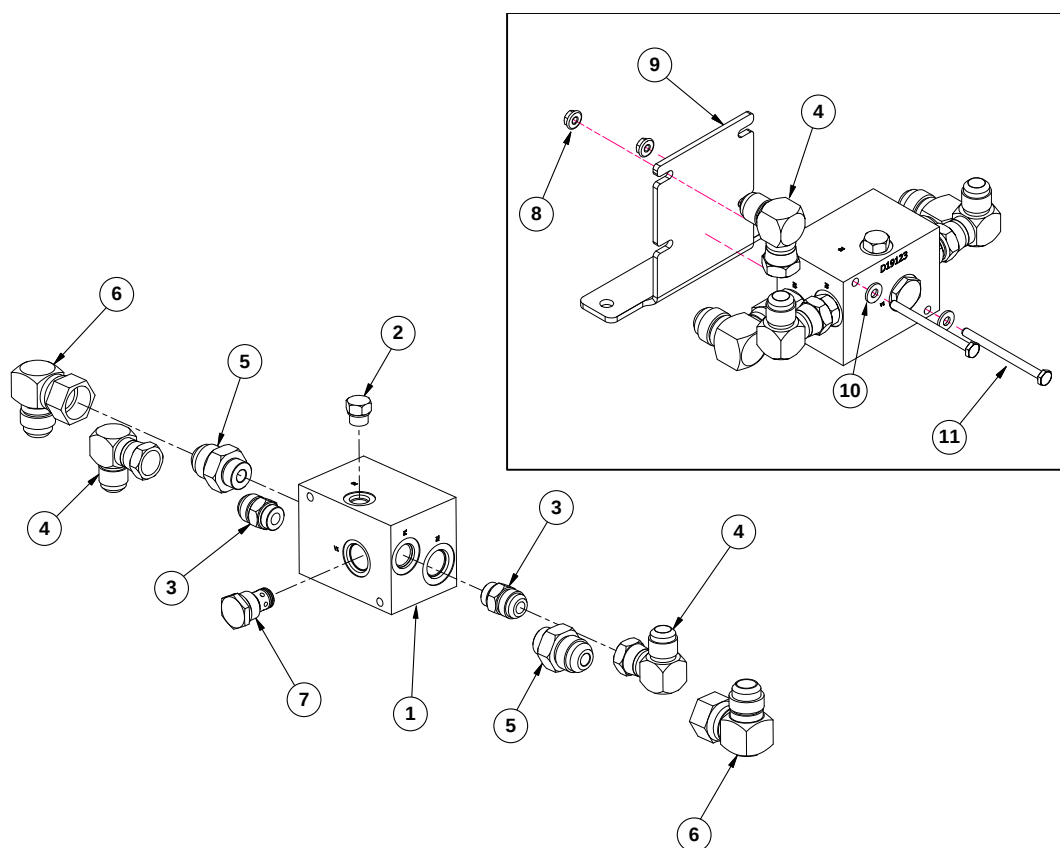
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA4293 GR2041	1 -	Check Valve Seal Kit
2	G6408-06 GR1045	1 -	Plug W/O-Ring, 1/8"-18 O-Ring O-Ring
3	G6408-12 GR1467	1 -	Plug W/O-Ring, 1 1/8"-12 O-Ring O-Ring
4	G6400-10 GR1466	2 -	Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring O-Ring
5	G6400-06 GR1045	2 -	Connector W/O-Ring, 1/2"-18 Male JIC To O-Ring O-Ring
6	G6400-12 GR1467	2 -	Connector W/O-Ring, 1 1/8"-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, 1/8" O.D. x 60"
10	GD11700	1	Adapter, 1/4" NPT To 3/8" Barb
11	G10681	1	Hose Clamp, No. 6

(A21318/A26130)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA20269	1	Pressure Compensator, 160 PSI
2	GA20272	1	Coil, 12VDC
3	GA20910	1	Flow Valve, 0-20 GPM
4	GA4293	1	Check Valve Cartridge
5	GD29315	1	Flow Restrictor Orifice, .015" Diameter
6	GD29319	3	Plug
7	GD29321	2	Plug
8	GD30570	1	Valve Block
9	G6400-06 GR1045	2 -	Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring O-Ring
10	G6400-10 GR1466	1 -	Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring O-Ring
11	G6400-12 GR1467	2 -	Connector, W/O-Ring, 1 1/16"-12 Male JIC To O-Ring O-Ring
12	G6408-H06-O GR1045	1 -	Hex Socket Head Plug W/O-Ring, 9/16"-18 O-Ring (W/O PTO) O-Ring
13	G6408-H10-O	1	Hex Socket Head Plug W/O-Ring, 7/8"-14 O-Ring
14	G10172 G11091 G11387	2 2 2	Hex Head Cap Screw, 3/8"-16 x 5" Serrated Flange Nut, 3/8"-16 Hardened Washer, 3/8" SAE
15	G6400-10-08 GR1037	1 -	Connector W/O-Ring, 7/8"-14 Male JIC To 3/4"-16 O-Ring O-Ring
16	G11091	2	Serrated Flange Nut, 3/8"-16
17	G10172	2	Hex Head Cap Screw, 3/8"-16 x 5"
18	G11387	2	Hardened Washer, 3/8" SAE

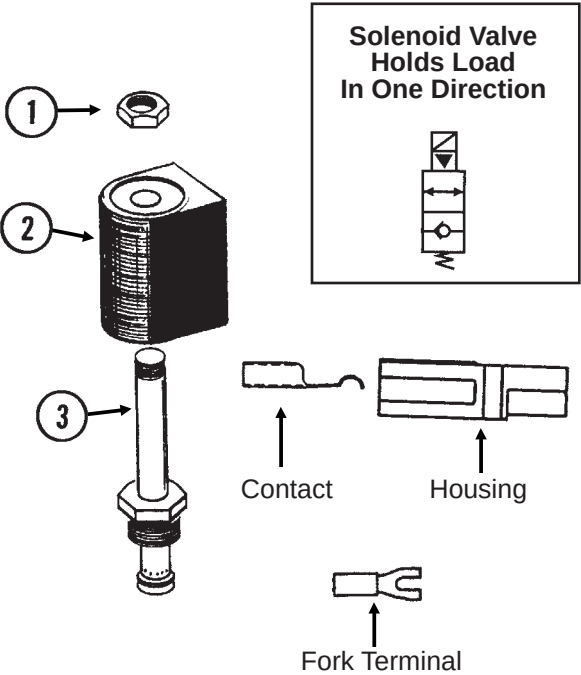
(IP1290/103493)



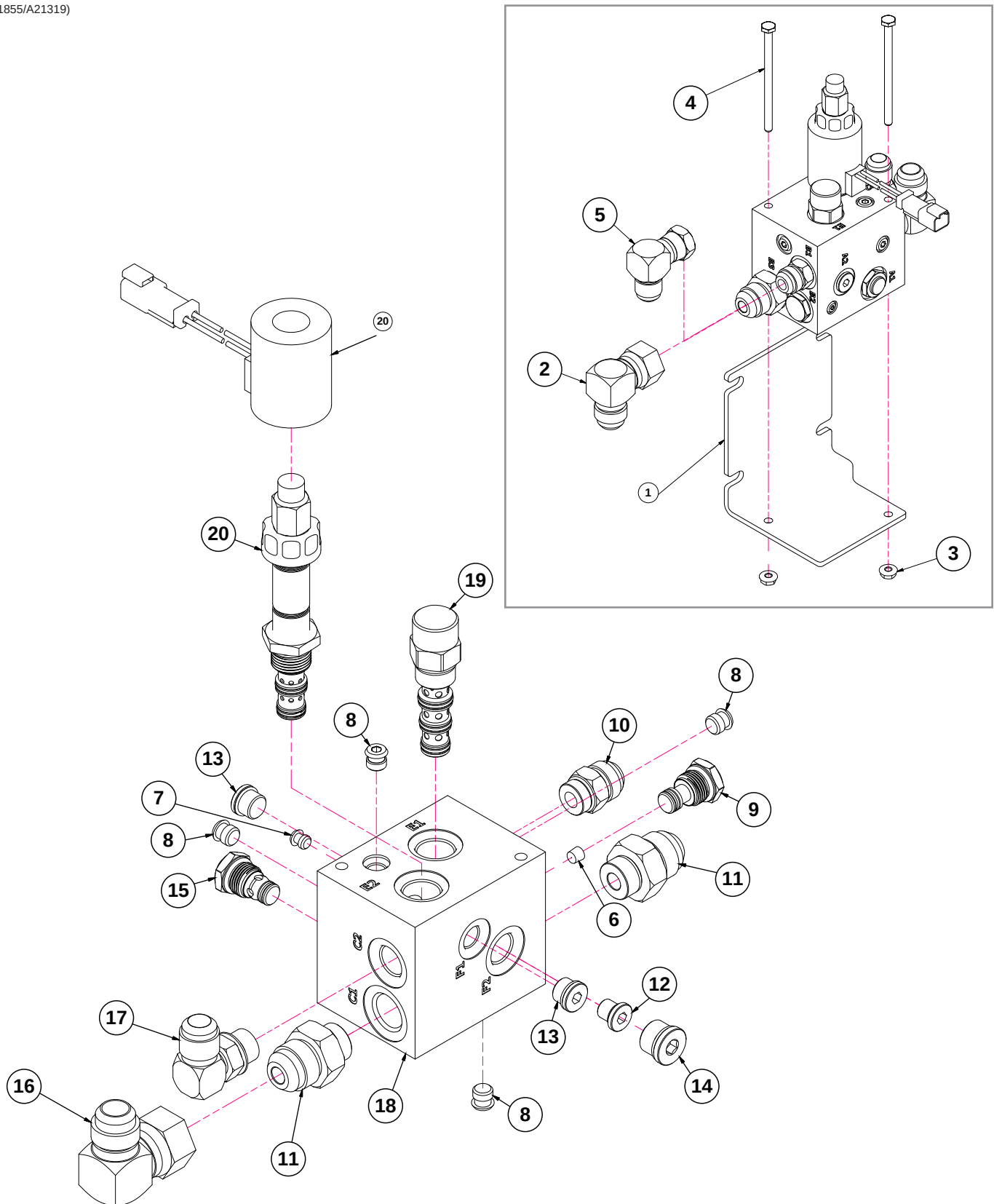
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD19123	1	Bulk Fill Fan Block
2	G6408-06	1	Plug W/O-Ring, 9/16"-18 O-Ring
	GR1045	-	O-Ring
3	G6400-10-08	2	Connector W/O-Ring, 7/8"-14 Male JIC To 3/4"-16 O-Ring
	GR1037	-	O-Ring
4	G6500-10	3	Swivel Elbow, 90°, 7/8"-14 Male JIC To Female
5	G6400-12-10	2	Connector W/O-Ring, 1 1/8"-12 JIC To 7/8"-14 O-Ring
6	G6500-12	2	Swivel Elbow, 90°, 1 1/8"-12 Male JIC To Female
7	GA4293	1	Check Valve
	GR2041	-	Seal Kit
8	G10621	2	Serrated Flange Nut, 1/4"-20
9	G10190001	1	Bulk Fill Hydraulic Block Mount
10	G11385	2	Flat Washer, 1/4" SAE
11	G10162	2	Hex Head Cap Screw, 1/4"-20 x 3 1/4"

VVB019(TWL27c/TWL18/PLTR75c/A9481)

ITEM	PART NO.	QTY.	DESCRIPTION
1	GR0761	1	Special Hex Nut, 1/2"-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 (Included W/G1K275)
	GD9530	2	Contact (Included W/G1K275)
	G10996	2	Fork Terminal (Included W/G1K275)
B	GR0764	-	Seal Kit, Includes: (2) O-Rings, (1) BU Ring

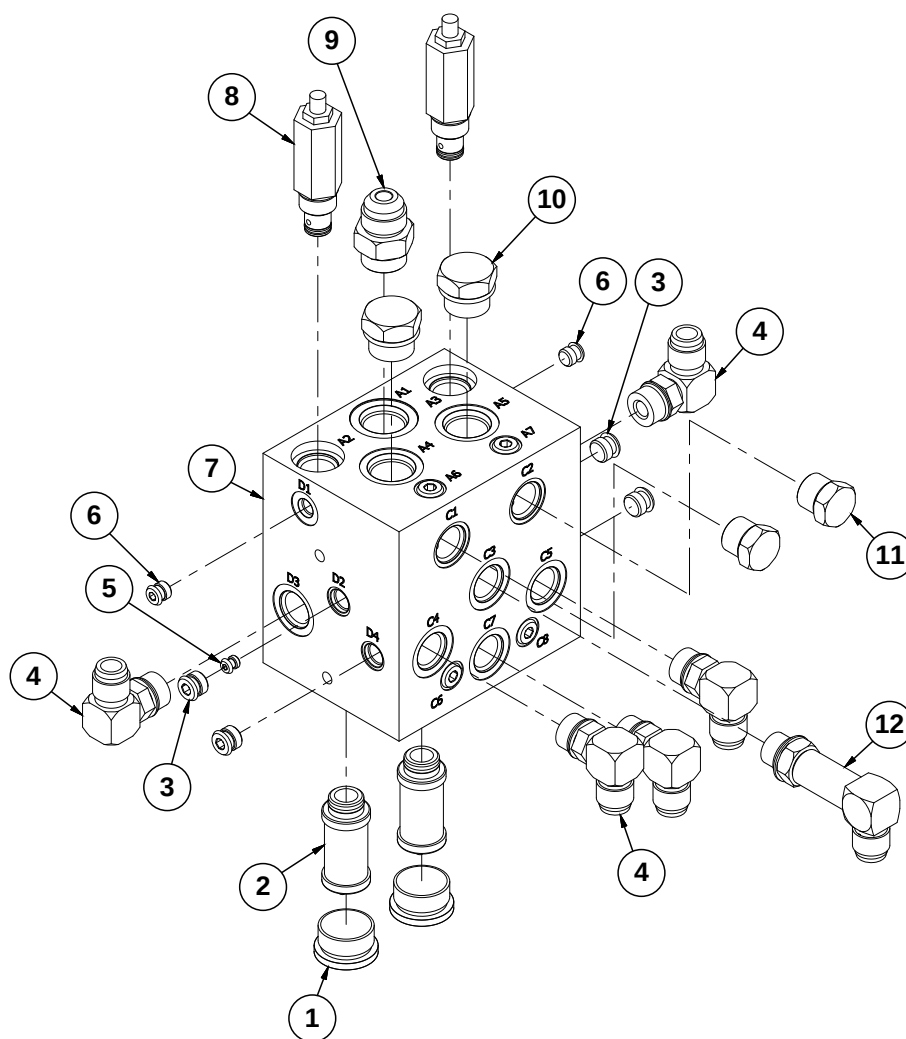


(101855/A21319)



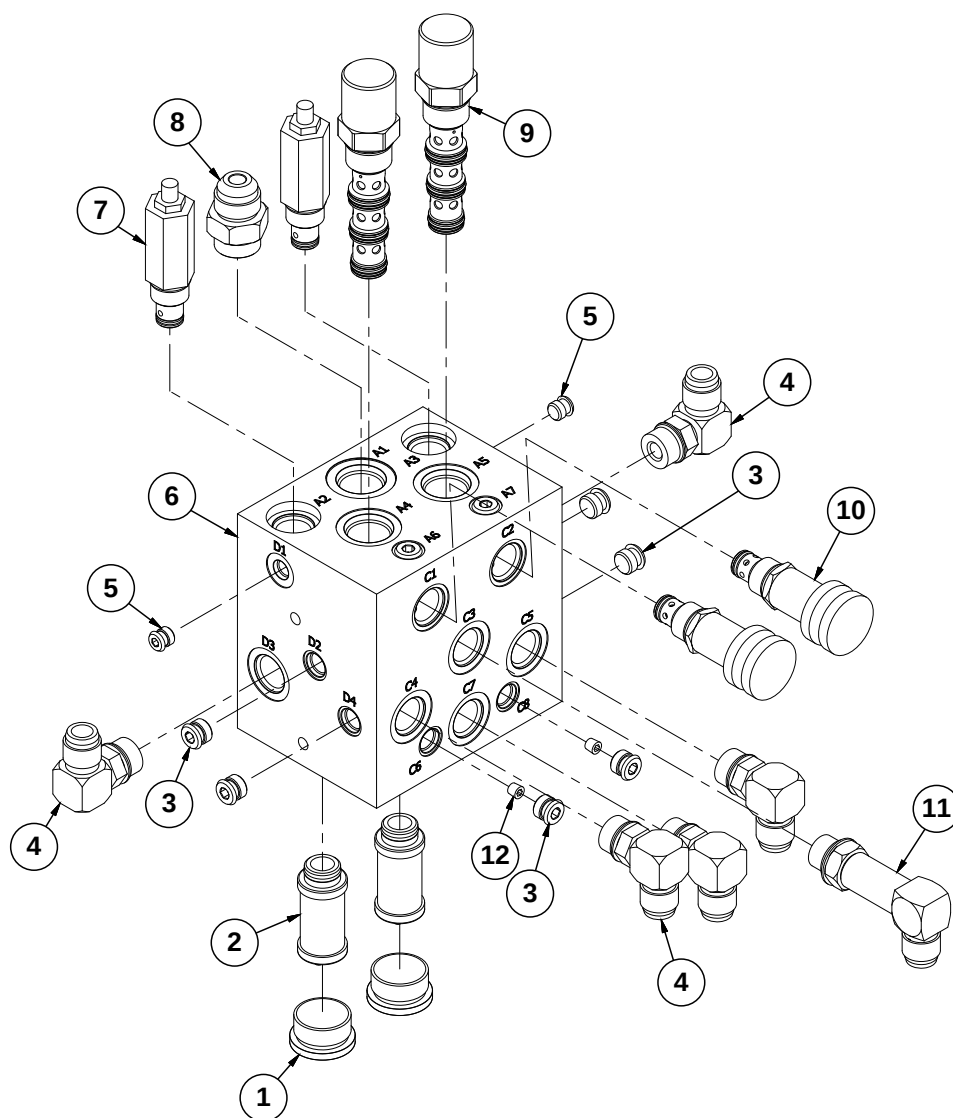
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10075801	1	Hydraulic Block Mount, Blue Drive
2	G6500-12	1	Swivel Elbow, 90°, 1 1/16"-12 Male JIC To Female
3	G10621	2	Serrated Flange Nut, 1/4"-20
4	G10943	2	Hex Head Cap Screw, 1/4"-20 x 4"
5	G6500-10	1	Swivel Elbow, 90°, 7/8"-14 Male JIC To Female
6	GD29315	1	Flow Restrictor Orifice, .015" Diameter
7	GD29318	1	Plug
8	GD29321	4	Plug
9	GD35422	1	Cavity Plug
10	G6400-10-08	1	Connector W/O-Ring, 7/8"-14 Male JIC To 3/4"-16 O-Ring
11	G6400-12-10	2	Connector W/O-Ring, 1-1/16"-12 JIC To 7/8"-14 O-Ring
12	G6408-H04-0	1	Hex Socket Head O-Ring Plug, 7/16"-20
13	G6408-H06-0	2	Hex Socket Head O-Ring Plug, 9/16"-18
14	G6408-H08-0	1	Hex Socket Head O-Ring Plug, 3/4"-16
15	GA21067	1	Check Valve, No. 8
16	G6500-12	1	Swivel Elbow, 90°, 1 1/16"-12 Male JIC To Female
17	G6801-10-08	1	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To 3/4"-16 O-Ring
18	GD30571	1	Bulk Fill Fan Valve Block
19	GA20270	1	Pressure Compensator, 150 PSI
20	GA20271	1	Proportional Flow Control, 0-8 GPM
21	GA20272	1	Coil, 12V DC

(IP1659/101869)



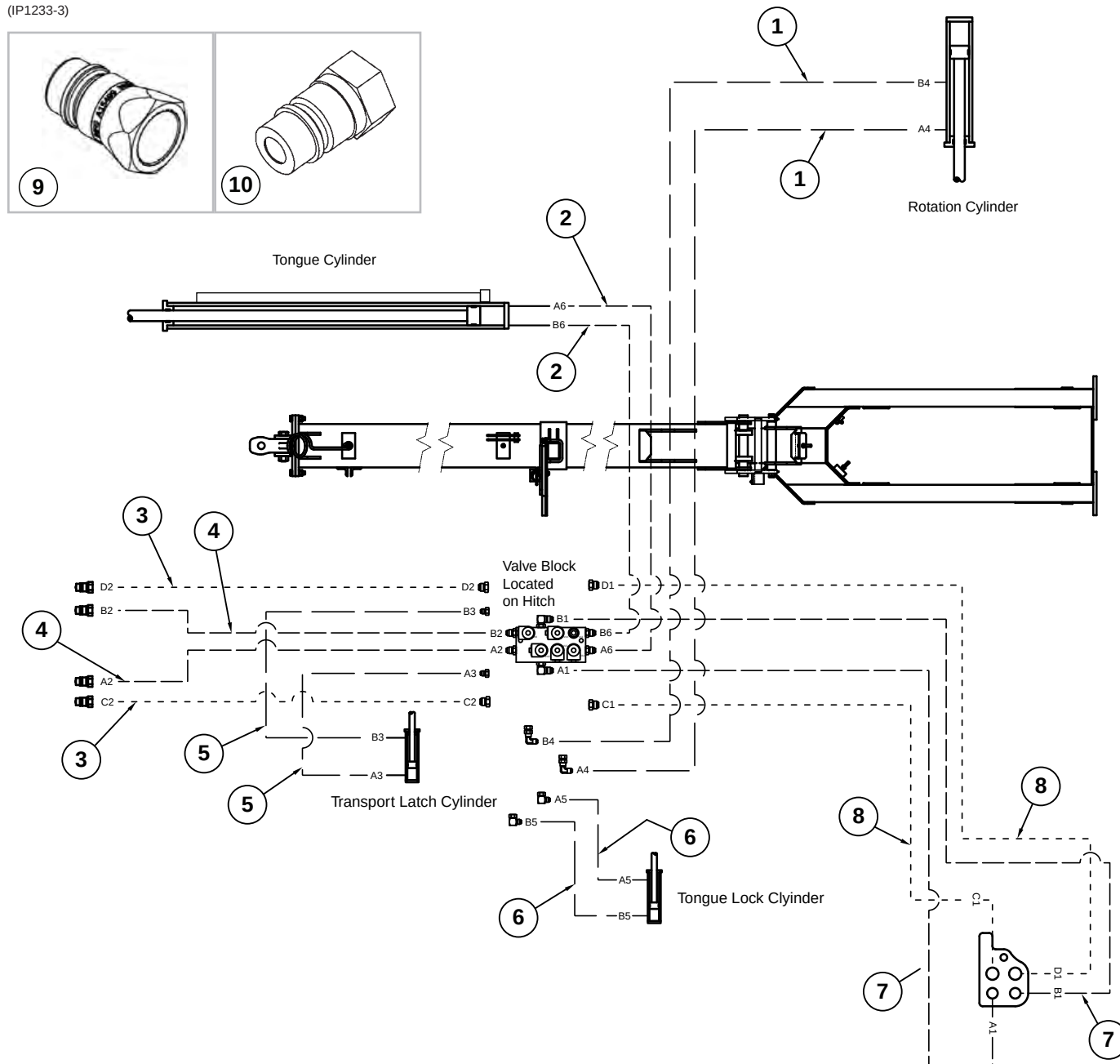
ITEM	PART NO.	QTY.	DESCRIPTION
1	G6408-HHP-16	2	Hex Plug W/O-Ring, 1 ⁵ / ₁₆ "-12
2	GR2312	2	Cartridge Filter Manifold
3	GD29319	12	Plug
4	G6801-10 GR1466	5	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring
5	GD29318	2	Plug
6	GD29321	2	Plug
7	G10170701	1	Manifold Block
8	GA27144	2	Pressure Relief Valve, 4000 PSI
9	G6400-12 GR1467	1	Connector, W/O-Ring, 1 ¹ / ₁₆ "-12 Male JIC To O-Ring
10	G6408-12	2	Plug W/O-Ring, 1 ¹ / ₁₆ "-12 O-Ring
11	G6408-10 GR1466	2	Plug W/O-Ring, 7/8"-14 O-Ring
12	G6801-LL-10 GR1466	1	X-Long Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring

(IP1660/101708)



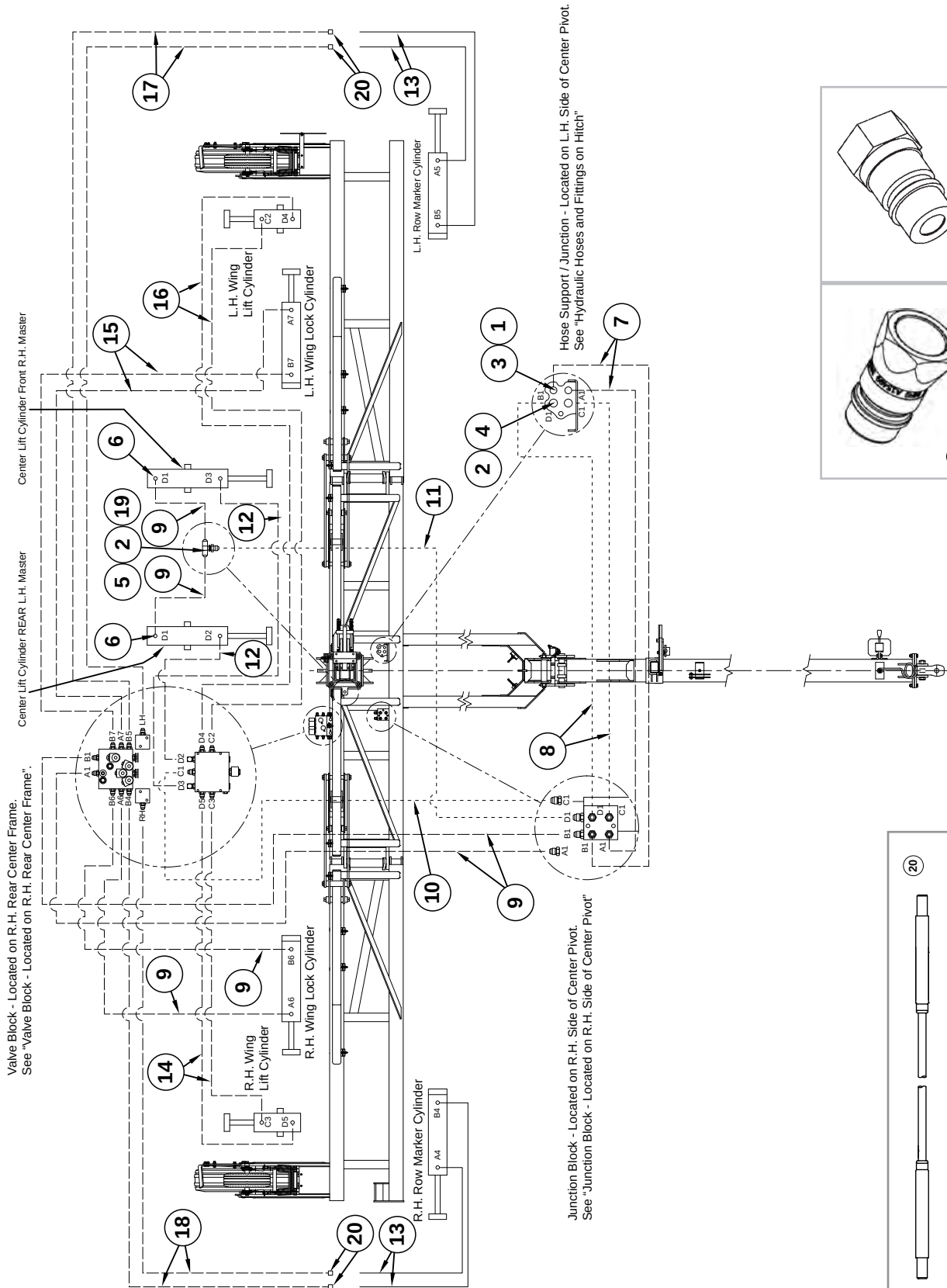
ITEM	PART NO.	QTY.	DESCRIPTION
1	G6408-HHP-16	2	Hex Plug W/O-Ring, $1\frac{5}{16}$ "-12
2	GR2312	2	Cartridge Filter Manifold
3	GD29319	12	Plug
4	G6801-10 GR1466	5	Elbow W/O-Ring, 90°, $\frac{7}{8}$ "-14 Male JIC To O-Ring
5	GD29321	2	Plug
6	G10170701	1	Manifold Block
7	GA27144	2	Pressure Relief Valve, 4000 PSI
8	G6400-12 GR1467	1	Connector, W/O-Ring, $1\frac{1}{16}$ "-12 Male JIC To O-Ring
9	GA20269	2	Pressure Compensator, 160 PSI
10	G10123401	2	Adjustable Flow Control Valve
11	G6801-LL-10 GR1466	1	X-Long Elbow W/O-Ring, 90°, $\frac{7}{8}$ "-14 Male JIC To O-Ring
12	GD29315	2	Flow Restrictor Orifice, .015" Diameter

(IP1233-3)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A1116	2	Hose Assembly, 1/4" x 136" (06F-06F)
2	*A1053	2	Hose Assembly, 3/8" x 72" (08F-08F)
3	*A18693-198	2	Hose Assembly W/Tip, 1/2" x 198" (1/2"M NPTF - 10F), 12 Row
	*A18693-250	2	Hose Assembly W/Tip, 1/2" x 250" (1/2"M NPTF-10F), 16 Row
4	*A26936-198	2	Hose Assembly W/Tip, 3/8" X 198" (1/2"M NPTF - 08F), 12 Row
	*A26936-250	2	Hose Assembly W/Tip, 3/8" x 250" (1/2"M NPTF - 08F), 16 Row
5	*A1171	2	Hose Assembly, 1/4" x 108" (06F-06F), 12 Row
	*A1110	2	Hose Assembly, 1/4" x 150" (06F-06F), 16 Row
6	*A1139	2	Hose Assembly, 1/4" x 40" (06F-06F)
7	*A1041	2	Hose Assembly, 3/8" x 130" (08F-08F)
8	*A1478	2	Hose Assembly, 1/2" x 128" (10F-10F)
9	GA15499	-	Special Pioneer Coupler, Zero Pressure Return
	GD25522	-	Hydraulic Tip Cover
10	GD4086	-	ISO Coupler
*Hydraulic hose is not stocked by Kinze Repair Parts.			

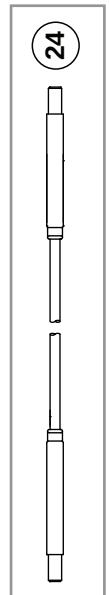
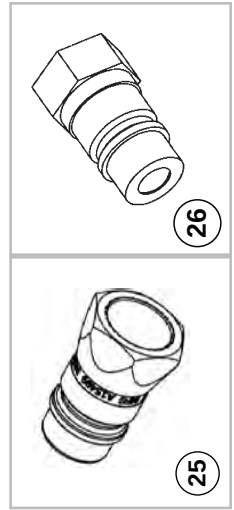
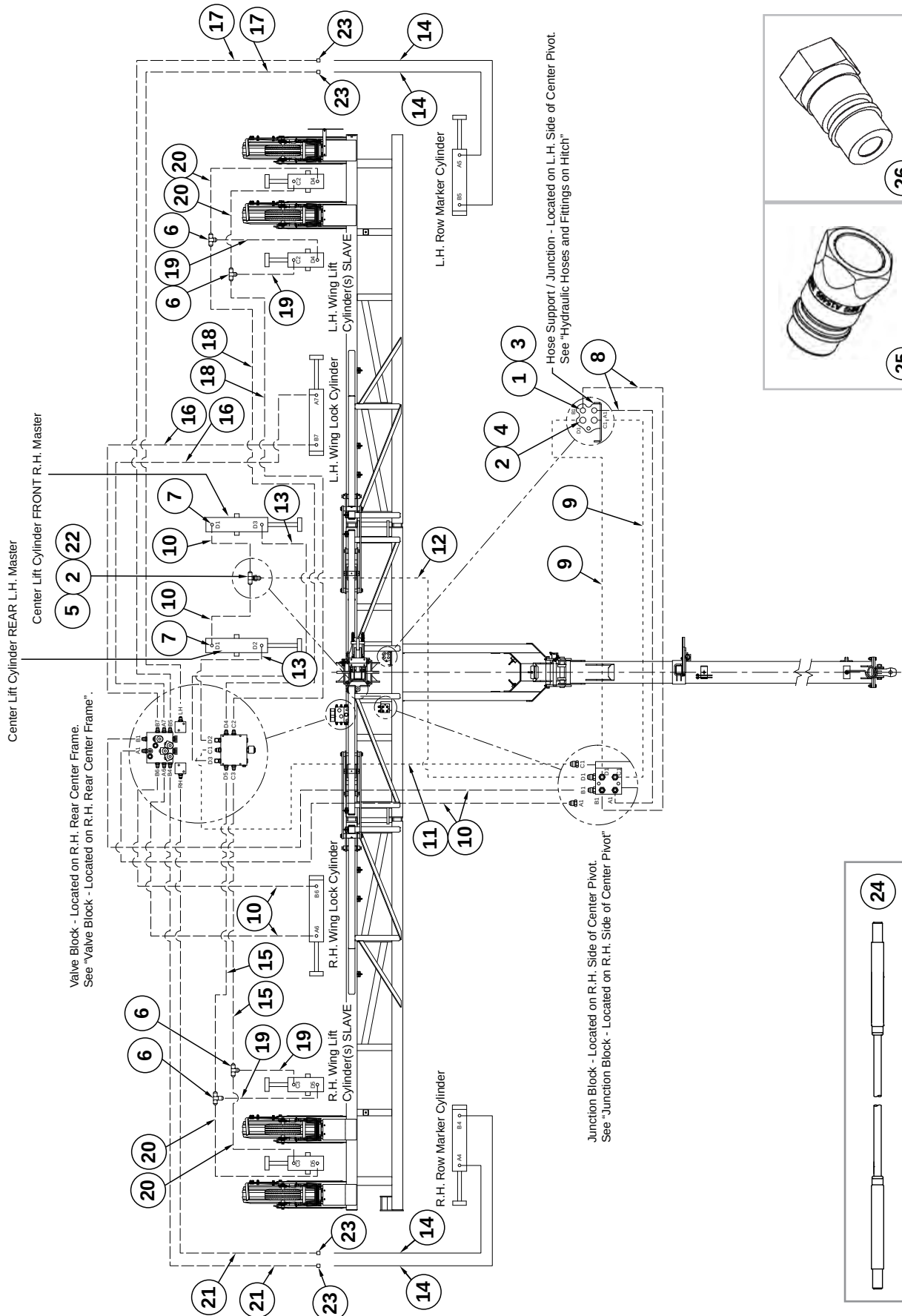
(IP1317)



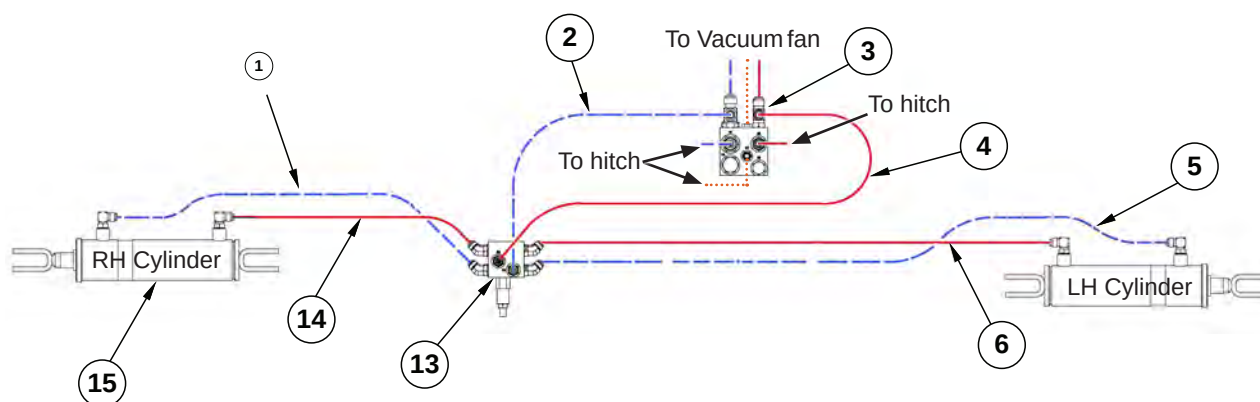
ITEM	PART NO.	QTY.	DESCRIPTION
1	G306-08	2	Lock Nut, 3/4"-16
2	G306-10	3	Lock Nut, 7/8"-14
3	G2700-08	2	Bulkhead Tube Union, 3/4"-16 Male JIC
4	G2700-10	2	Bulkhead Tube Union, 7/8"-14 Male JIC
5	G2703-08-08-10	1	Bulkhead Tee, 7/8"-14 Male JIC To 3/4"-16 JIC
6	G6400-08 GR1037	4 -	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring
7	*A12090	2	Hose Assembly, 3/8" x 63" (08F-08F)
8	*A8267	2	Hose Assembly, 1/2" x 58" (10F-10F)
9	*A1076	6	Hose Assembly, 3/8" x 30" (08F-08F)
10	*A1424	1	Hose Assembly, 1/2" x 30" (10F-10F)
11	*A1404	1	Hose Assembly, 1/2" x 41" (10F-10F)
12	*A3131	2	Hose Assembly, 3/8" x 42" (08F-08F)
13	*A3158	4	Hose Assembly, 3/8" x 46" (08F-08F)
14	*A1028	2	Hose Assembly, 3/8" x 186" (08F-08F)
15	*A1055	2	Hose Assembly, 3/8" x 66" (08F-08F)
16	*A1089	2	Hose Assembly, 3/8" x 240" (08F-08F)
17	*A1057	2	Hose Assembly, 3/8" x 216" (08F-08F)
18	*A3117	2	Hose Assembly, 3/8" x 176" (08F-08F)
19	G10235	1	Machine Bushing, 7/8", 14 Gauge
20	G2408-08	4	Plug, 3/4"-16
21	GA6608	-	Cable Assembly
22	GA15499 GD25522	- -	Special Pioneer Coupler, Zero Pressure Return Hydraulic Tip Cover
23	GD4086	-	ISO Coupler

* Hydraulic hose is not stocked by Kinze Repair Parts.

(IP1233-4)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G306-08	2	Lock Nut, 3/4"-16
2	G306-10	3	Lock Nut, 7/8"-14
3	G2700-08	2	Bulkhead Tube Union, 3/4"-16 Male JIC
4	G2700-10	2	Bulkhead Tube Union, 7/8"-14 Male JIC
5	G2703-08-08-10	1	Bulkhead Tee, 7/8"-14 Male JIC To 3/4"-16 JIC
6	G2603-08	4	Tee, 3/4"-16 Male JIC
7	G6400-08 GR1037	4 -	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring O-Ring
8	*A3127	2	Hose Assembly, 3/8" x 58"
9	*A8267	2	Hose Assembly, 1/2" x 58"
10	*A1076	6	Hose Assembly, 3/8" x 30"
11	*A1424	1	Hose Assembly, 1/2" x 30"
12	*A1404	1	Hose Assembly, 1/2" x 41"
13	*A3131	1	Hose Assembly, 3/8" x 42"
14	*A3158	4	Hose Assembly, 3/8" x 46"
15	*A3111	2	Hose Assembly, 3/8" x 200"
16	*A1055	2	Hose Assembly, 3/8" x 66"
17	*A1034	2	Hose Assembly, 3/8" x 272"
18	*A3139	2	Hose Assembly, 3/8" x 254"
19	*A3122	4	Hose Assembly, 3/8" x 10 1/2"
20	*A1018	4	Hose Assembly, 3/8" x 40"
21	*A12042	1	Hose Assembly, 3/8" x 228"
22	G10235	1	Machine Bushing, 7/8", 14 Gauge
23	G2408-08	4	Plug, 3/4"-16
24	GA6608	-	Cable Guide
25	GA15499 GD25522	- -	Special Pioneer Coupler, Zero Pressure Return Hydraulic Tip Cover
26	GD4086	-	ISO Coupler
* Hydraulic hose is not stocked by Kinze Repair Parts.			

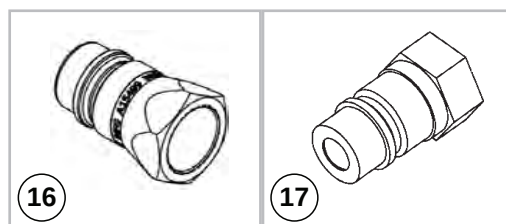


Line Reference

Dashed - Return

Solid - Pressure

Dotted - Case Drain

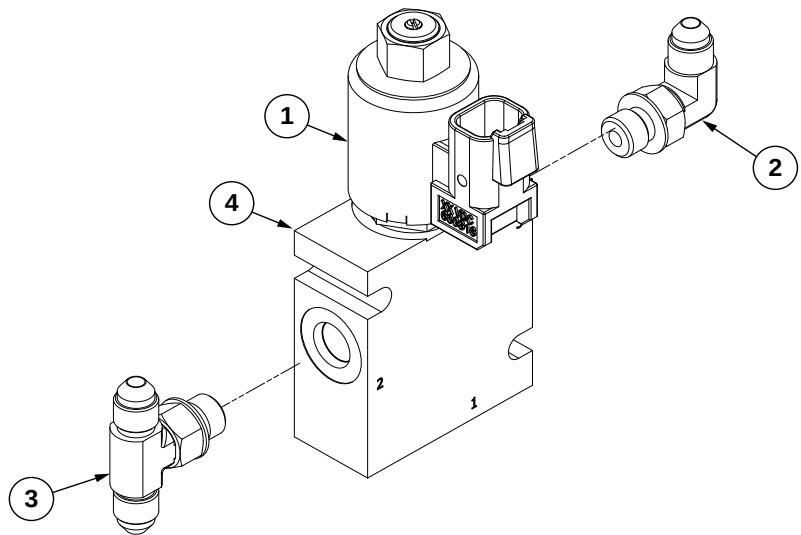


ITEM	PART NO.	QTY.	DESCRIPTION
1	*A1021	1	Hose Assembly, $\frac{3}{8}$ " x 56"
2	*A12752	1	Hose Assembly, $\frac{1}{2}$ " x 23"
3	---	-	See "Junction/Valve Blocks - Located on R.H. Rear Center Frame" on page P182
4	*A12085	1	Hose Assembly, $\frac{3}{8}$ " x 26"
5	*A12076	1	Hose Assembly, $\frac{3}{8}$ " x 165"
6	*A3117	1	Hose Assembly, $\frac{3}{8}$ " x 176"
13	---	-	See "Wing Down Pressure Valve Block" on page P187
14	*A3158	1	Hose Assembly, $\frac{3}{8}$ " x 46"
15	---	-	See "Wing Down Pressure Cylinder" on page P180
16	GA15499 GD25522	- -	Special Pioneer Coupler, Zero Pressure Return Hydraulic Tip Cover
17	GD4086	-	ISO Coupler

* Hydraulic hose is not stocked by Kinze Repair Parts.

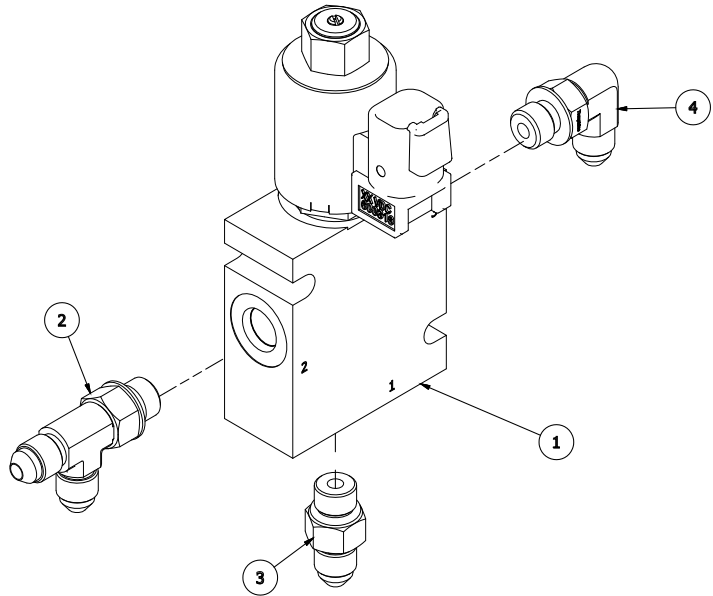
(A25264)

Pull Row Units



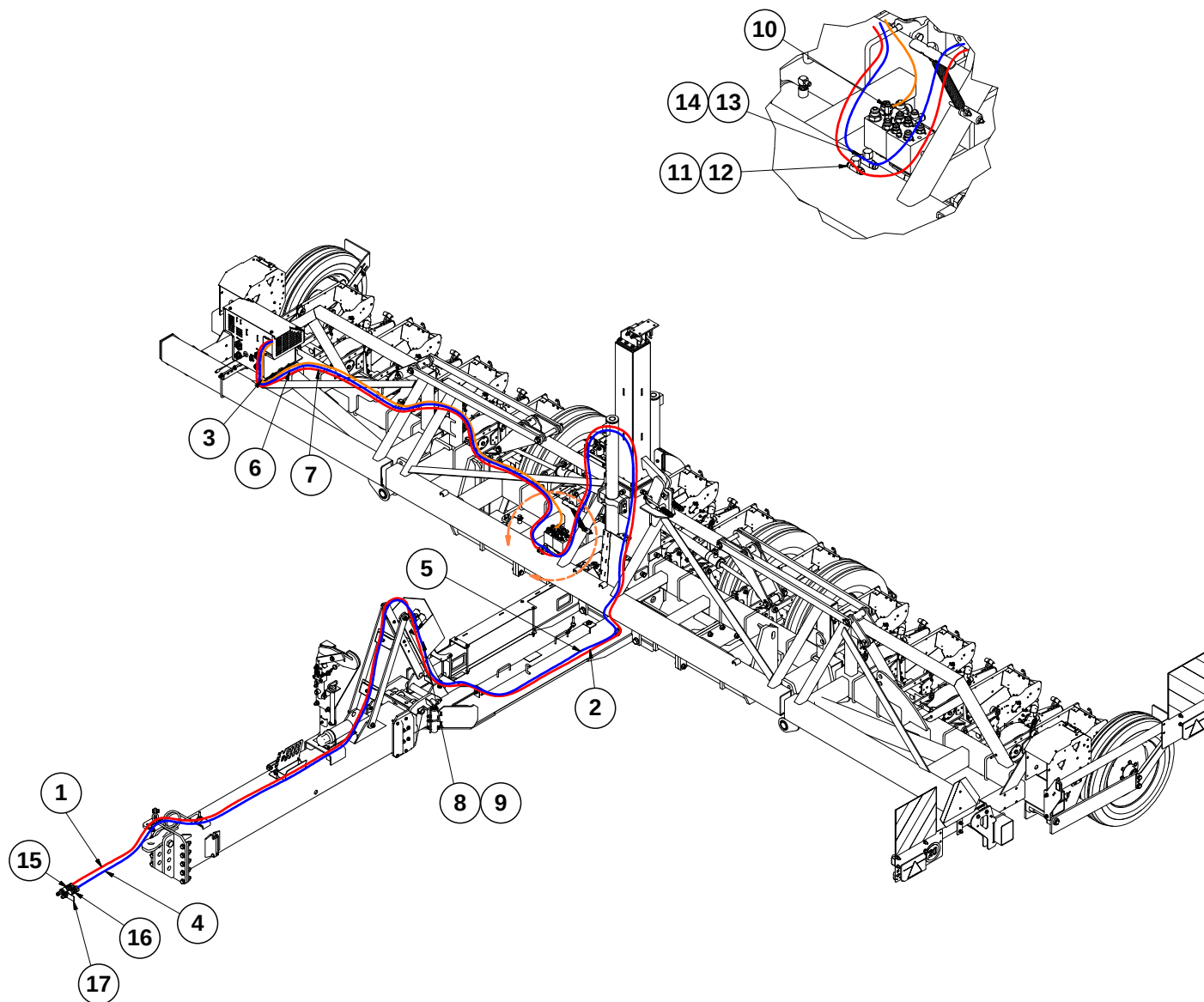
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25286	1	Manual Override Cartridge Assembly
	GR2287	1	Solenoid Cartridge (Included W/GA25286)
	GR0761	1	Special Hex Nut, ½"-20 (Included W/GA25286)
2	G6801-04-04	1	90° Adjustable Elbow, 7/16"-20
3	G6803-04-04-04	1	Adjustable Tee, 7/16"-20
4	GD35271	1	Row Unit Control Block

Push Row Units



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA25286	1	Manual Override Cartridge Assembly
	GR2287	1	Solenoid Cartridge (Included W/GA25286)
	GR0761	1	Special Hex Nut, ½"-20 (Included W/GA25286)
	GD35271	1	Row Unit Control Block
2	G6803-04-04-04	1	Adjustable Tee, 7/16"-20
3	G6400-04	1	Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring
4	G6801-04-04	1	90° Adjustable Elbow, 7/16"-20

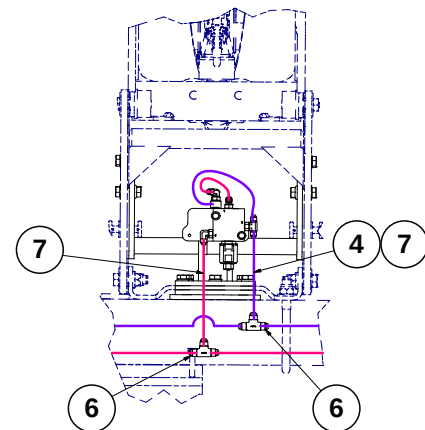
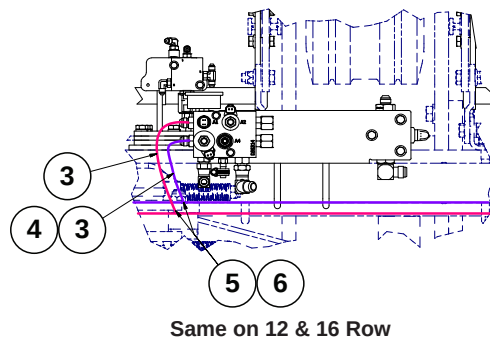
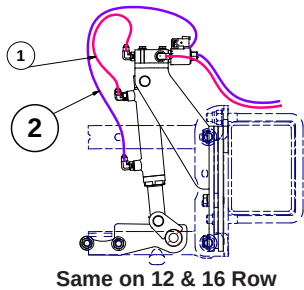
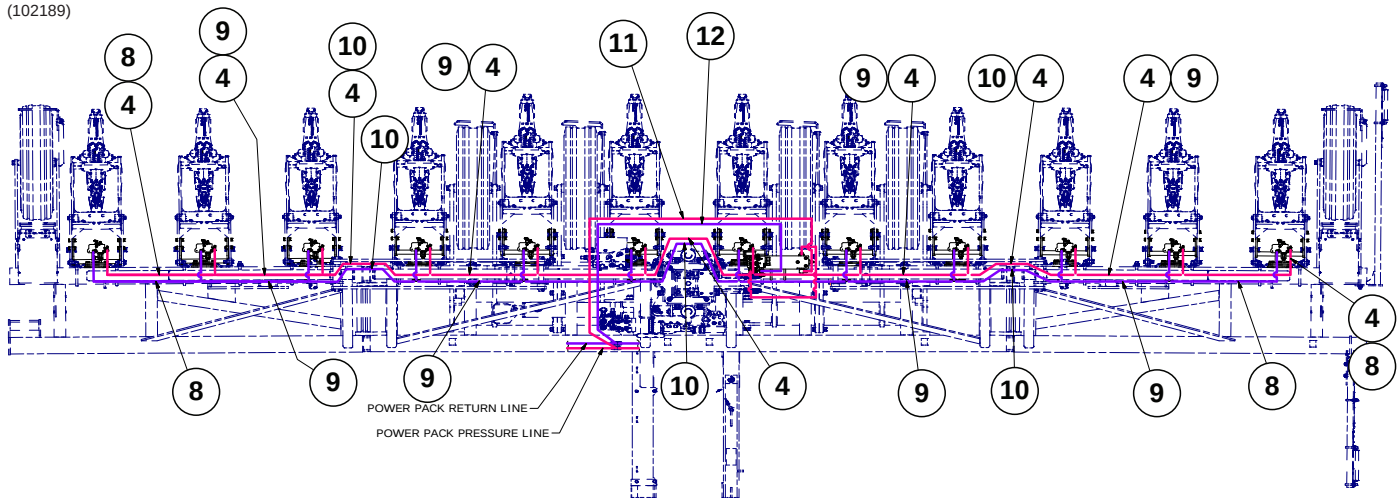
(100756)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A18693-250	1	Hose Assembly, 1/2" x 250" (10F - 1/2M NPTF), W/Extension, W/Tip, 16 Row
	*A18693-237	1	Hose Assembly, 1/2" x 237" (10F - 1/2M NPTF), W/Extension, W/Tip, 12 Row
2	*A12747	1	Hose Assembly, 1/2" x 196"
3	*A18667-244	1	Hose Assembly, 1/2" x 244" (08F-08F), 16 Row
	*A18867-180	1	Hose Assembly, 1/2" x 180" (08F-08F), 12 Row
4	*A21548-250	1	Hose Assembly, 5/8" x 250" (12F - 1/2 Male NPTF), W/Extension, W/Tip, 16 Row
	*A21548-237	1	Hose Assembly, 5/8" x 237" (12F - 1/2 Male NPTF), W/Extension, W/Tip, 12 Row
5	*A25487-196	1	Hose Assembly, 5/8" x 196" (10F - 12F)
6	*A11440	1	Hose Assembly, 5/8" x 244" (10F-10F), 16 Row
	*A21530-180	1	Hose Assembly, 5/8" x 180" (10F-10F), 12 Row
7	*A12097	1	Hose Assembly, 3/8" x 246" (06F - 06F), 16 Row
	*A15081-180	1	Hose Assembly, 3/8" x 180" (06F-06F), 12 Row
8	G2403-10	1	Union, 7/8"-14 Male JIC
9	G2403-12	1	Union male 1-1/6-12 JIC X 7/8-14 JIC
10	G6602-06	1	Swivel Tee, 9/16"-18 JIC
11	G2603-08	1	Tee, 3/4"-16 Male JIC
12	G304-C-8	1	Cap Nut, 3/4"-16
13	G2603-10	1	Tee, 7/8"-14 Male JIC
14	G304-C-10	1	Cap Nut, 7/8"-14
15	GA26924-09	1	Hose Cover Label Assembly, Black (Extend)
16	GA26924-10	1	Hose Cover Label Assembly, Black (Retract)
17	GD25522	1	Hydraulic Tip Cover

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

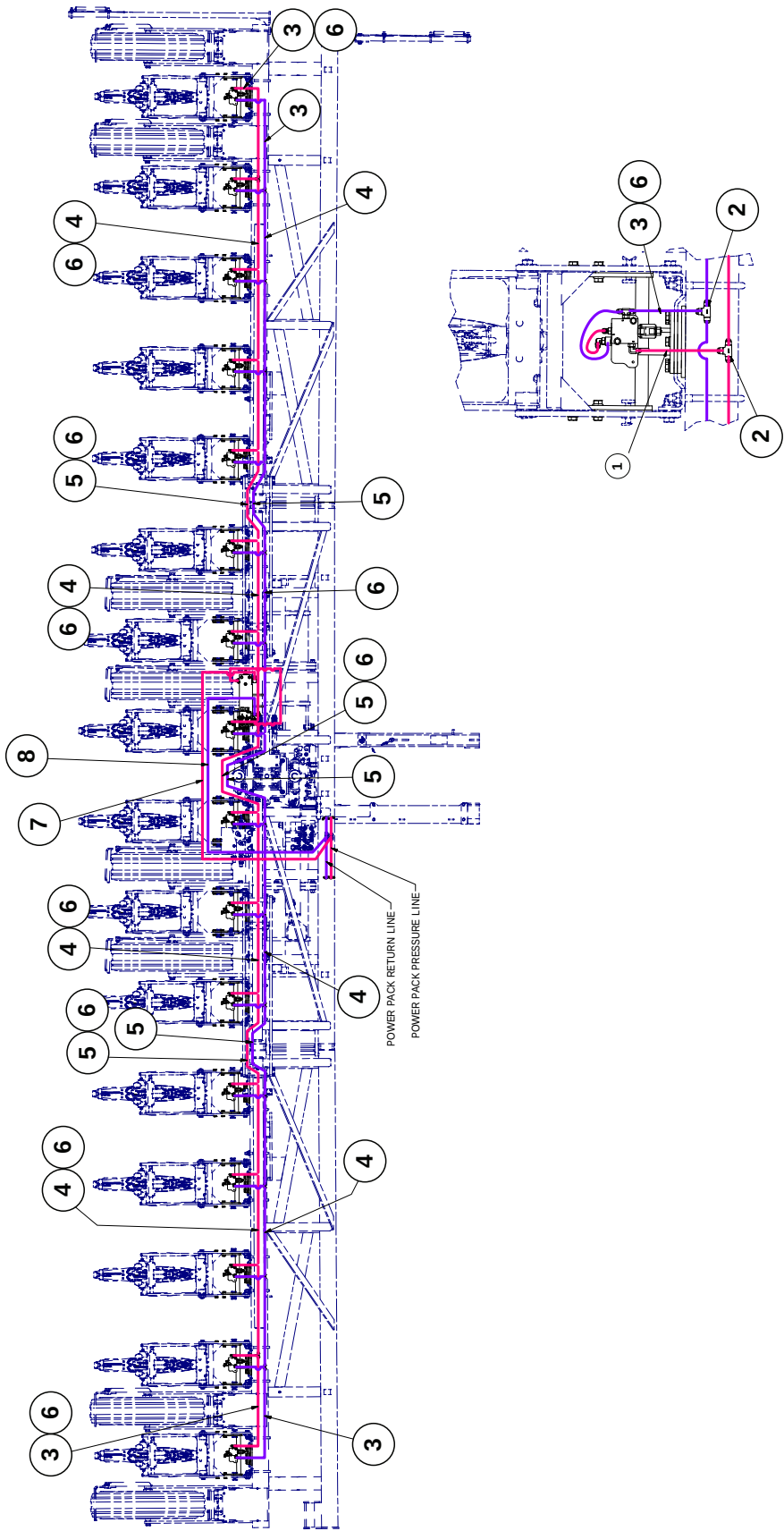
(102189)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A7678-13	12	Hose Assembly, 1/4" x 13" (04F-04F)
2	*A7677-20	12	Hose Assembly, 1/4" x 20" (04F - 04F STD 90)
3	*A25504-30	2	Hose Assembly, 3/8" x 30" (08F S90-06F)
4	GD35904-01	44	Shrink Tube, Purple PP
5	G6602-06	2	Swivel Tee, 9/16"-18 JIC
6	G2603-06	20	Tee, 9/16"-18 Male JIC
7	*A7680-14	20	Hose Assembly, 1/4" x 14" (04F-06F)
8	*A7680-35	4	Hose Assembly, 1/4" x 35" (04F-06F)
9	*A12038	12	Hose Assembly, 3/8" x 30" (06F-06F)
10	*A15081-36	6	Hose Assembly, 3/8" x 36" (06F - 06F)
11	*A25701-110	1	Hose Assembly, 1/2" x 110" (08F-10F)
12	*A21530-110	1	Hose Assembly, 5/8" x 110" (10F-10F)

*Hydraulic hose is not stocked by Kinze Repair Parts.

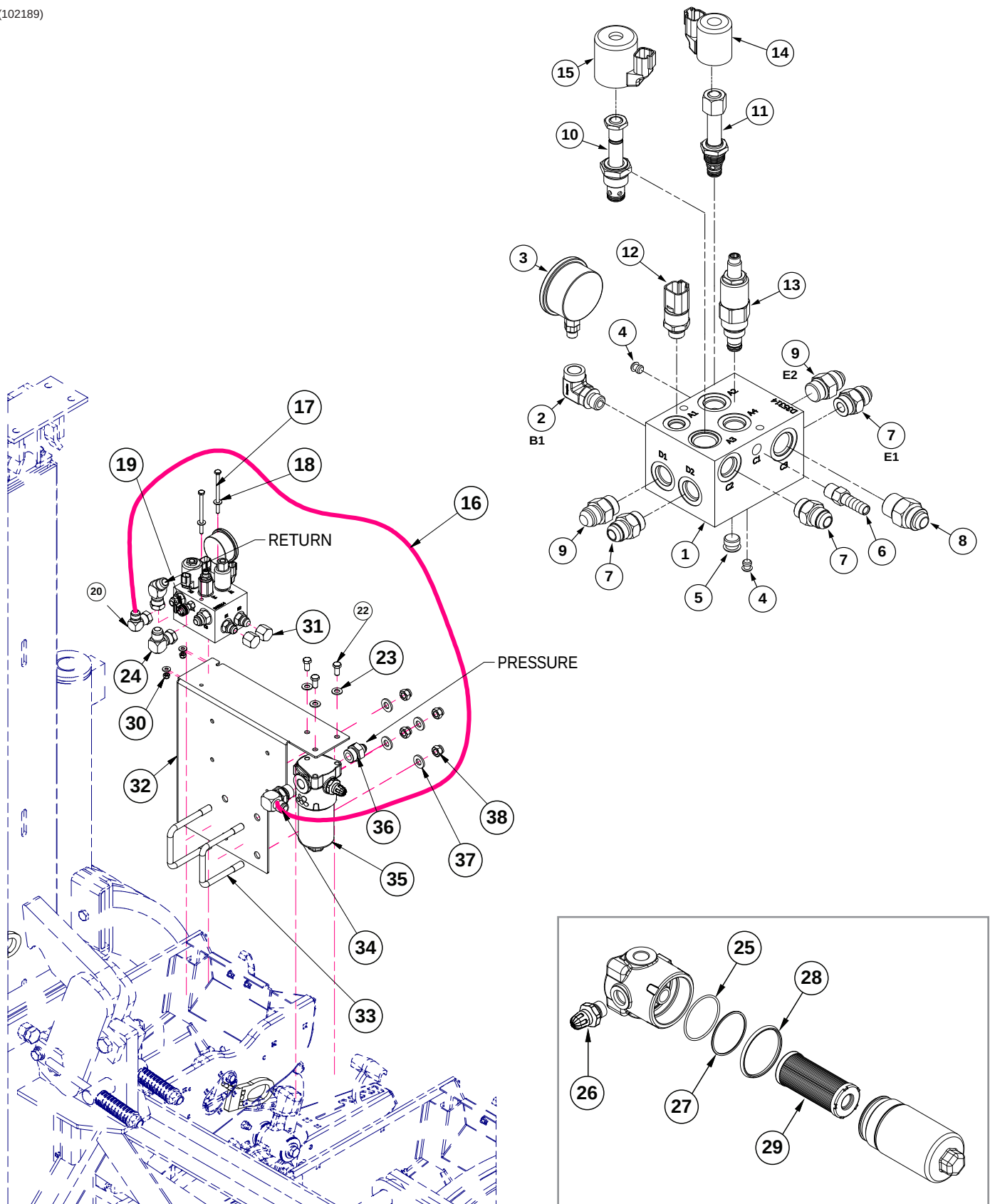
(100973)



ITEM	PART NO.	QTY.	DESCRIPTION
1	*A7680-14	28	Hose Assembly, 1/4" x 14" (04F-06F)
2	G2603-06	28	Tee, 9/16"-18 Male JIC
3	*A7680-35	4	Hose Assembly, 1/4" x 35" (04F-06F)
4	*A12038	20	Hose Assembly, 3/8" x 30" (06F-06F)
5	*A15081-36	6	Hose Assembly, 3/8" x 36" (06F - 06F)
6	GD35904-01	60	Shrink Tube, Purple
7	*A25701-110	1	Hose Assembly, 1/2" x 110" (08F-10F)
8	*A21530-110	1	Hose Assembly, 5/8" x 110" (10F-10F)

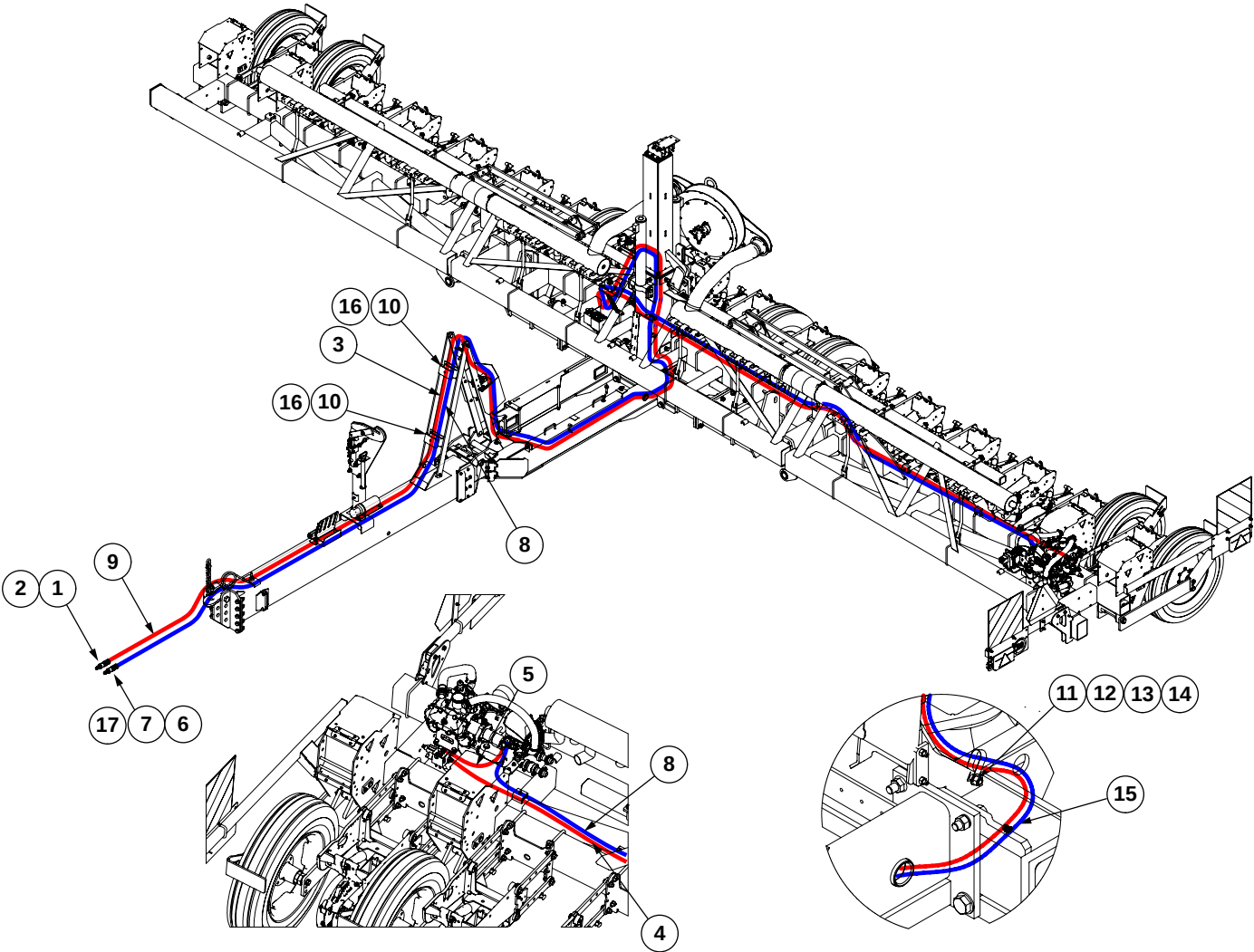
*Hydraulic hose is not stocked by Kinze Repair Parts.

(102189)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GD35314	1	Manifold Block
2	G6815-06-04	1	90° Adjustable Street Elbow
3	GA26005	1	Pressure Gauge
4	GD29318	2	Plug
5	GD29319	1	Plug
6	GD11700	1	Adapter, 1/4" NPT To 3/8" Barb
7	G6400-08 GR1037	3 -	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring O-Ring
8	G6400-10 GR1466	1 -	Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring O-Ring
9	GA20252	2	Check Valve
10	GA25390	1	Solenoid, No. 10, Single Poppet
11	GA25389	1	Solenoid, No. 8, Single Poppet
12	G10568101	1	Pressure Sensor
13	GA25982	1	Direct Relief
14	GA25403	1	Coil, 12V
15	GA25404	1	Coil, 12V
16	*A18671-30 GD10057-20	1 2	Hose Assembly, 1/2" x 30" (08F-08F90S) Hose Identification Sleeve, Purple PP
17	G11135	2	Hex Head Cap Screw, 1/4"-20 X 3 3/4"
18	G11385	4	Flat Washer, 1/4" SAE
19	G10681	1	Hose Clamp, No. 6
20	---	-	---
21	G6500-08	1	Swivel Elbow, 90°, 3/4"-16 Male JIC To Female
22	G10002	3	Hex Head Cap Screw, 3/8"-16 x 3/4"
23	G11387	3	Hardened Washer, 3/8" SAE
24	G6500-10	1	Swivel Elbow, 90°, 7/8"-14 Male JIC To Female
25	**R2367	1	Sealing O-Ring
26	GR2361	1	Flow Indicator
27	**R2366	1	Anti-Extrusion Ring
28	**R2365	1	External O-Ring
29	GD35835	1	Replacement Filter Cartridge
30	G10110	2	Lock Nut, 1/4"-20, Grade B
31	G304-C-8	2	Cap Nut, 3/4"-16
32	GD36756	1	Hydraulic Block Mount Bracket
33	GD4743	2	U-Bolt, 3" x 3" x 1/2"-13
34	G6801-10-12	1	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To 1 1/16"-12 O-Ring
35	GA25857	1	In-Line Filter Assembly
36	G6400-08-12	1	Adapter, 3/4"-16 Male JIC to 1-1/16"-12 O-Ring
37	G11389	4	Flat Washer, 1/2" Plated SAE
38	G10111	4	Lock Nut, 1/2"-13
A	GA25857	1	In-Line Filter Assembly, Includes Items 26-29
B	GR2368	-	Seal Kit, Includes: (1) Sealing O-Ring, (1) Anti-Extrusion Ring, (1) External O-Ring

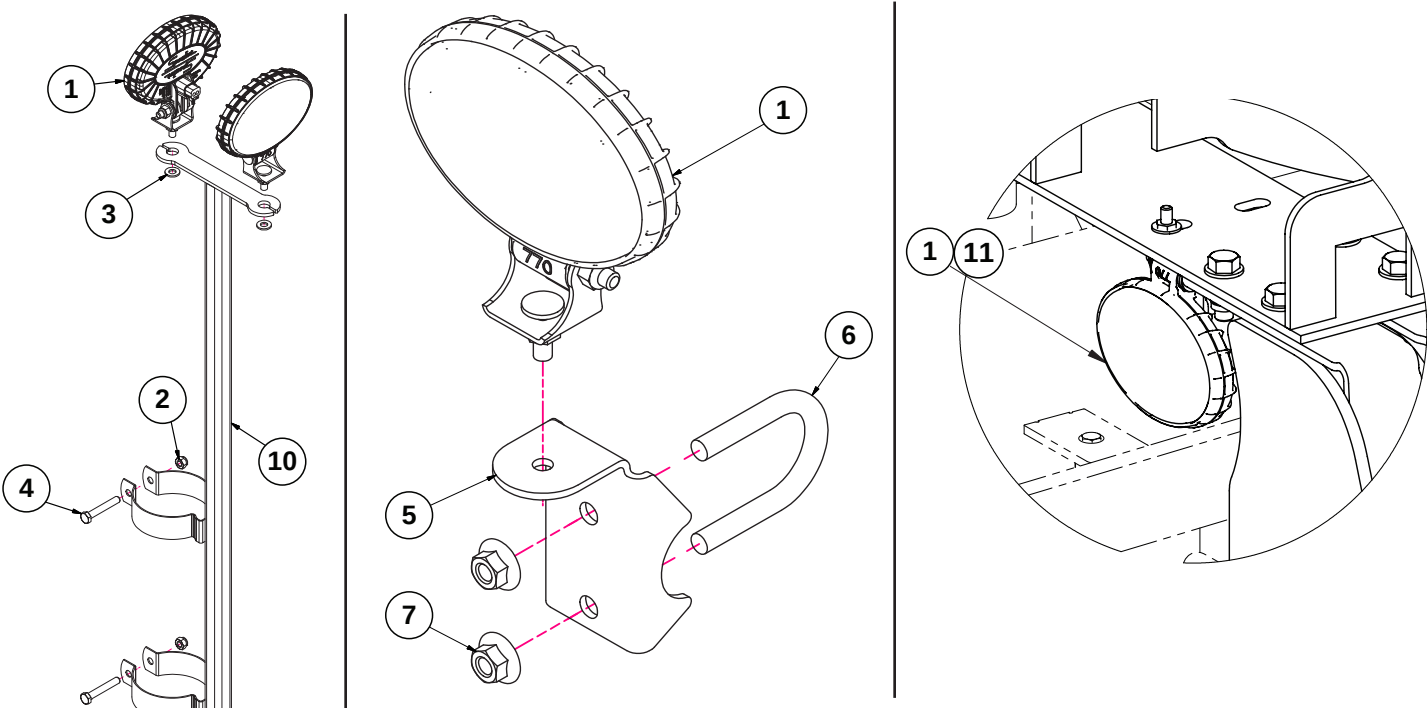
****Item is part of seal kit, item can not be purchased individually.**



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA26924-12	1	Hose Label Cover, Brown Extend
2	*A26939-250	1	Hose Assembly, 3/8" x 250" (06F-1/2" Male NPTF), 16 Row
	*A26939-238	1	Hose Assembly, 3/8" x 238" (06F-1/2" Male NPTF), 12 Row
3	*A15080-260	1	Hose Assembly, 3/8" x 260" (06F-06M), 16 Row
	*A15080-230	1	Hose Assembly, 3/8" x 230" (06F-06M), 12 Row
4	*A15083-280	1	Hose Assembly, 3/8" x 280" (08F-06M), 16 Row
	*A15083-230	1	Hose Assembly, 3/8" x 230" (08F-06M), 12 Row
5	*A15035-21	1	Hose Assembly, 3/8" AR x 21" (06F-08F)
6	GA26924-13	1	Hose Label Cover, Brown Retract
7	*A18690-250	1	Hose Assembly, 1/2" AR x 250" (08F-1/2" Male NPTF), 16 Row
	*A18690-238	1	Hose Assembly, 1/2" AR x 238" (08F-1/2" Male NPTF), 12 Row
8	*A18670-265	2	Hose Assembly, 1/2" x 265" (08F-08M), 16 Row
	*A18670-225	2	Hose Assembly, 1/2" x 254" (08F-08M), 12 Row
9	G10542203	1	Hose Wrap, 1.6 M
10	GD8188	2	Hose Clamp, 7/8" x 3" x 5 3/8"
11	GD36388	1	1" Double Tube Clamp, 1/2" Bolt
12	G10017	1	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
13	G10102	1	Hex Nut, 1/2"-13
14	G11389	1	Flat Washer, 1/2" Plated SAE
15	G10542204	1	Hose Wrap, 0.5 M
16	G10045	2	Hex Head Cap Screw, 1/2"-13 x 4 1/2"
17	GD25522	1	Hydraulic Tip Cover

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

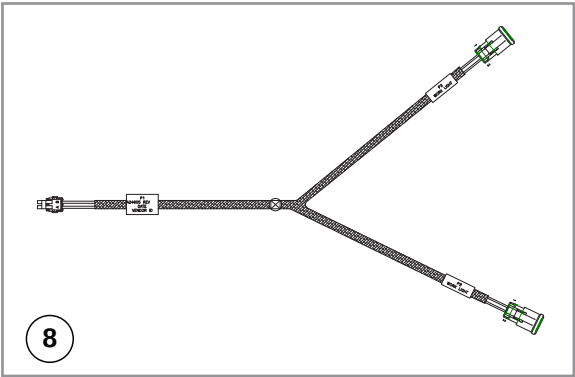
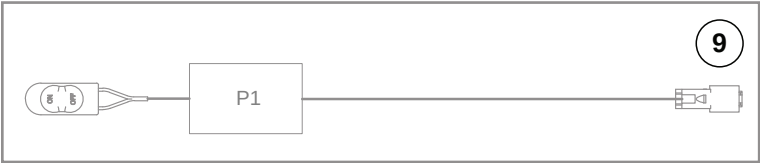
(102846/101636/103296/103586)



Conventional

Bulk Fill (Blue Drive Shown)

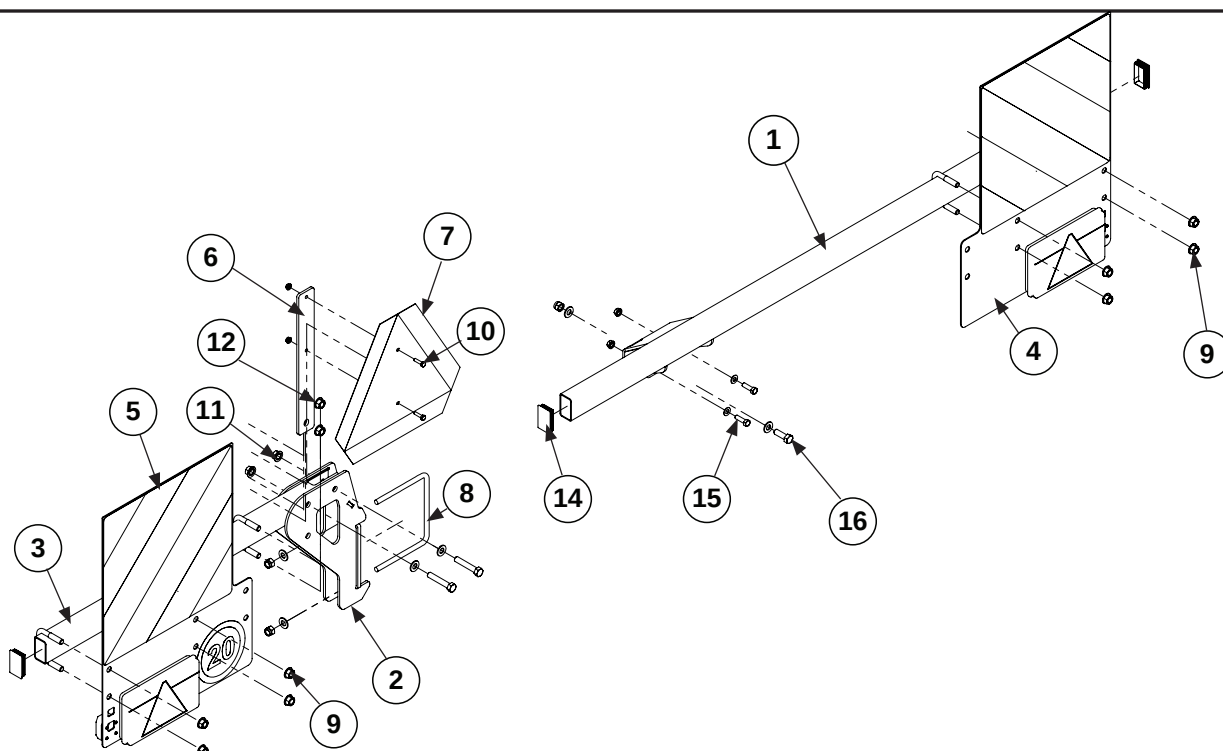
Non-Bulk Fill*



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18486	2	LED Worklight
2	G10109	2	Hex Locknut, 5/16"-18
3	G11386	2	Flat Washer, 5/16" SAE
4	G10041	2	Hex Head Cap Screw, 5/16"-18 x 2"
5	GD26989	1	Worklight Bracket (Blue Drive)
6	GD27190	1	U-Bolt, 1-1/2" x 3/8"-16 (Blue Drive)
7	G11091	1	Serrated Flange Nut, 3/8"-16 (Blue Drive)
8	G10358601	1	Worklight Harness (Ground Contact Drive)
9	G10329601	1	Worklight Switch Harness (Ground Contact Drive)
10	GA14571	1	Light Mount
11	G11387	2	Hardened Washer, 3/8" SAE

*Work lights should be fitted on a liquid tank mount when BV-controlled liquid is installed on a conventional planter.

(101584)



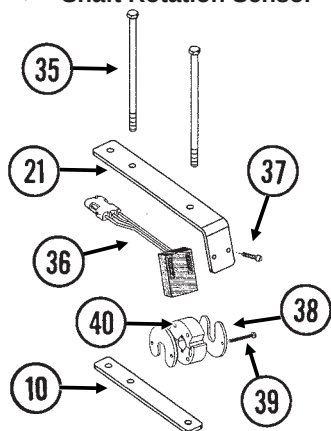
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10912601	1	Light Bracket, R.H.
2	GA25905	1	Light Bracket, L.H.
3	GD35743	1	Tube
4	GD35713	1	Light Bracket Mount
	GA25776	1	Tail Light
	GA25774	1	R.H. Brake/Stop/Turn Light
	G11556	4	Phillips Pan Head Tapping Screw, 6-19 x 1/2"
5	GD35713	1	Light Bracket Mount
	GA25776	1	Tail Light
	GA25775	1	L.H. Brake/Stop/Turn Light
	G11556	4	Phillips Pan Head Tapping Screw, 6-19 x 1/2"
6	GD35729	1	SMV Sign Mounting Bracket
7	GD2199	1	SMV Sign
8	GD1172	1	U-Bolt, 5" x 7" x 1/2"-13
	G10111	2	Lock Nut, 1/2"-13
	G11389	2	Flat Washer, 1/2" Plated SAE
9	GD13287	2	U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13
	G10071	4	Serrated Flange Nut, 1/2"-13
10	G10064	2	Hex Head Cap Screw, 1/4"-20 x 1"
	G10621	2	Serrated Flange Nut, 1/4"-20
11	G10397	2	Hex Head Cap Screw, 1/2"-13 x 2 3/4"
	G10071	2	Serrated Flange Nut, 1/2"-13
	G11389	2	Flat Washer, 1/2" Plated SAE
12	GD13287	1	U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13
	G10071	2	Serrated Flange Nut, 1/2"-13
13	G10316301	1	Tail Lights Harness
14	G10252301	3	Snap-In Rectangular Plug
15	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G10622	2	Serrated Flange Nut, 3/8"-16
	G11387	2	Washer, 3/8" SAE
16	G10017	1	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
	G11389	2	Flat Washer, 1/2" Plated SAE
	G10111	1	Lock Nut, 1/2"-13

09/21

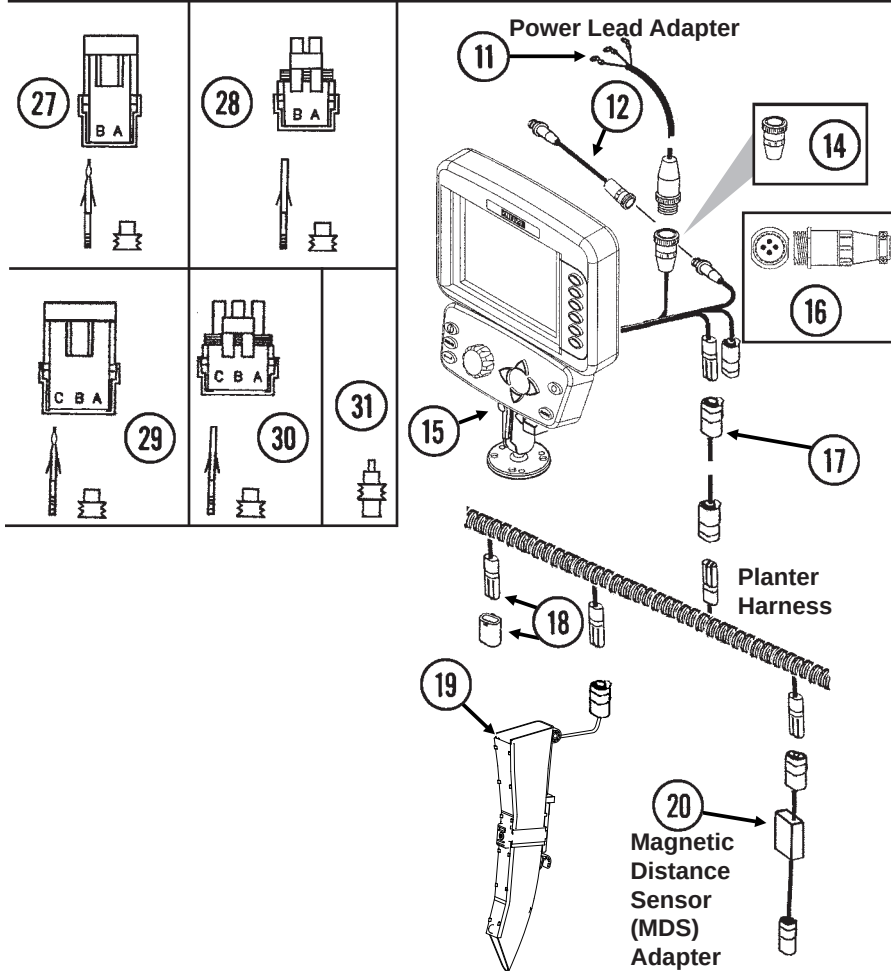
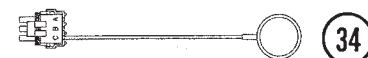
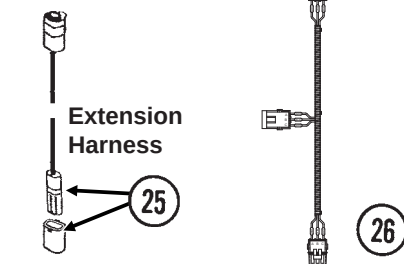
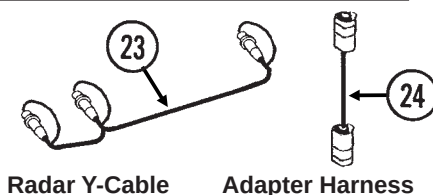
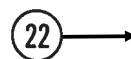
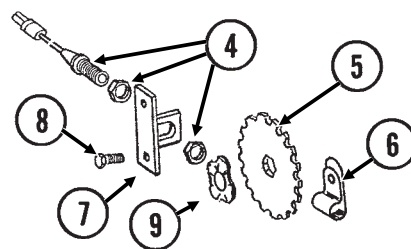
ITEM	PART NO.	QTY.	DESCRIPTION
11	GD32092	-	Dust Cap W/Chain
12	GA7863	-	Dust Cap W/Chain
13	GA6108	1	Connector W/Cable Clamp, 23 Socket Capacity
14	G1K248	-	3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals
15	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
16	GD11089	-	Sealing Plug
17	GA8047	-	Dust Plug (Black)
18	G10201101	-	Ag Leader 7500 GPS Receiver W/ Cable and Bracket
19	GA11736	-	Harness Extension W/Dust Caps, 15'
20	GA7077	1-4	Indicator Light
	GD31485	1	LED Indicator Light
21	GA2612	3-5	Fuse Holder W/Spade, 1 ³³ / ₆₀ "
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, 1 ⁵ / ₃₂ "-32
	GR1364	5	Internal Tooth Lock Washer, 1 ⁵ / 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 1/2"
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, 1/4" SAE
34	GA6975	2	Knob
35	GR1290	2	Cage Nut, 1/4"-20
36	G1K267	-	Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (3) Male Terminal Pins
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 Lead Adapter
39	GA16340	1	Control Box Cable
40	G7633X	-	Backlit Control Console Assembly W/Mounting Brackets, Short Harness W/Dust Cap And Power Cable
41	GD22965	-	Insulated Clamp, 1/4"
	GD6291	-	Insulated Clamp, 3/8"
	GD13348	-	Insulated Clamp, 1 ¹ / ₁₆ "
42	GD13310	-	Jumper, 7/16"
43	GA9481	-	Jumper Wire W/Fork Terminal, 13"
	G10996	-	Fork Terminal (Included W/GA9481)
44	GA26751	-	EU Power Adapter Harness (1 each for Blue Vantage, KPM3, PDP, PTO)
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
47	GA25170	1	EU Tail Light Extension Harness
48	GA25207	1	US Tail Light Extension Harness

NOTE: See ["Point Row Clutch" on page P156](#) for R.H. and L.H. Wiring Harness for the point row clutches. See ["KPM III Electronic Seed Monitor" on page P220](#) for those components.

(MTR59) Shaft Rotation Sensor



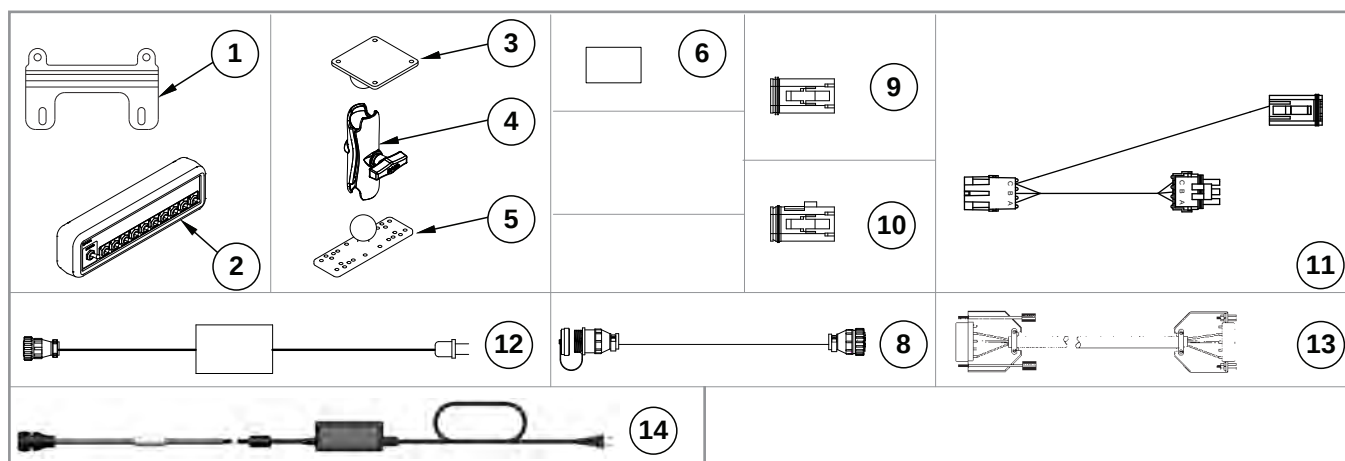
Magnetic Distance Sensor (MDS)



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	---
2	---	-	---
3	---	-	---
4	GA5600	1	Magnetic Distance Sensor
5	GD8751	-	Magnetic Distance Sensor Pulse Wheel
6	GD13348	-	Insulated Clamp, $1\frac{1}{16}$ "
7	GD8770	1	Bracket
8	G10001	2	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 1"
	G10229	2	Lock Washer, $\frac{3}{8}$ "
	G10101	2	Hex Nut, $\frac{3}{8}$ "-16
9	GD8771	1	Spring Wave Washer
10	GD18168	2	Mount
11	GA17547	1	Power Lead Adapter
12	GA9144	-	Monitor/Radar Adapter Cable, 10"
13	---	-	---
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) $\frac{1}{4}$ "-20 x $1\frac{1}{4}$ " Hex Head Cap Screw, (1) $\frac{1}{4}$ " Plastic Washer, (1) $\frac{1}{4}$ " Steel Washer
	GR1762	-	Console Mounting Bracket Hardware Package, Includes: (3) No. 10-32 x $\frac{5}{8}$ " Hex Socket Pan Head Screws, (3) No. 10 Lock Washers
	GA16082	-	Power Harness
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 P218
18	GA7852	-	Planter Harness W/Dust Caps (20 Connectors)
	GB1090	-	Dust Cap (Included W/GA7852)
19	G10745401	-	Seed Tube W/Computerized Sensor
	GA20902	-	Seed Tube (With Holes For Sensor Installation) (Included W/G)
20	GA7859	1	Magnetic Distance Sensor Adapter (Analog To Digital)
21	GD18118	2	Shaft Sensor Mount
22	G10475701	-	Professional Microfiber Duster, 19" (for cleaning Seed Tube sensors)
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
28	G1K320	-	2-Pin Male Connector Kit (Black), Includes: (3) 2-Pin Male Housings, (6) Socket Contacts, (6) Seals
29	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
30	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
	G1K363	-	3-Pin Male Connector Kit (Blue), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals

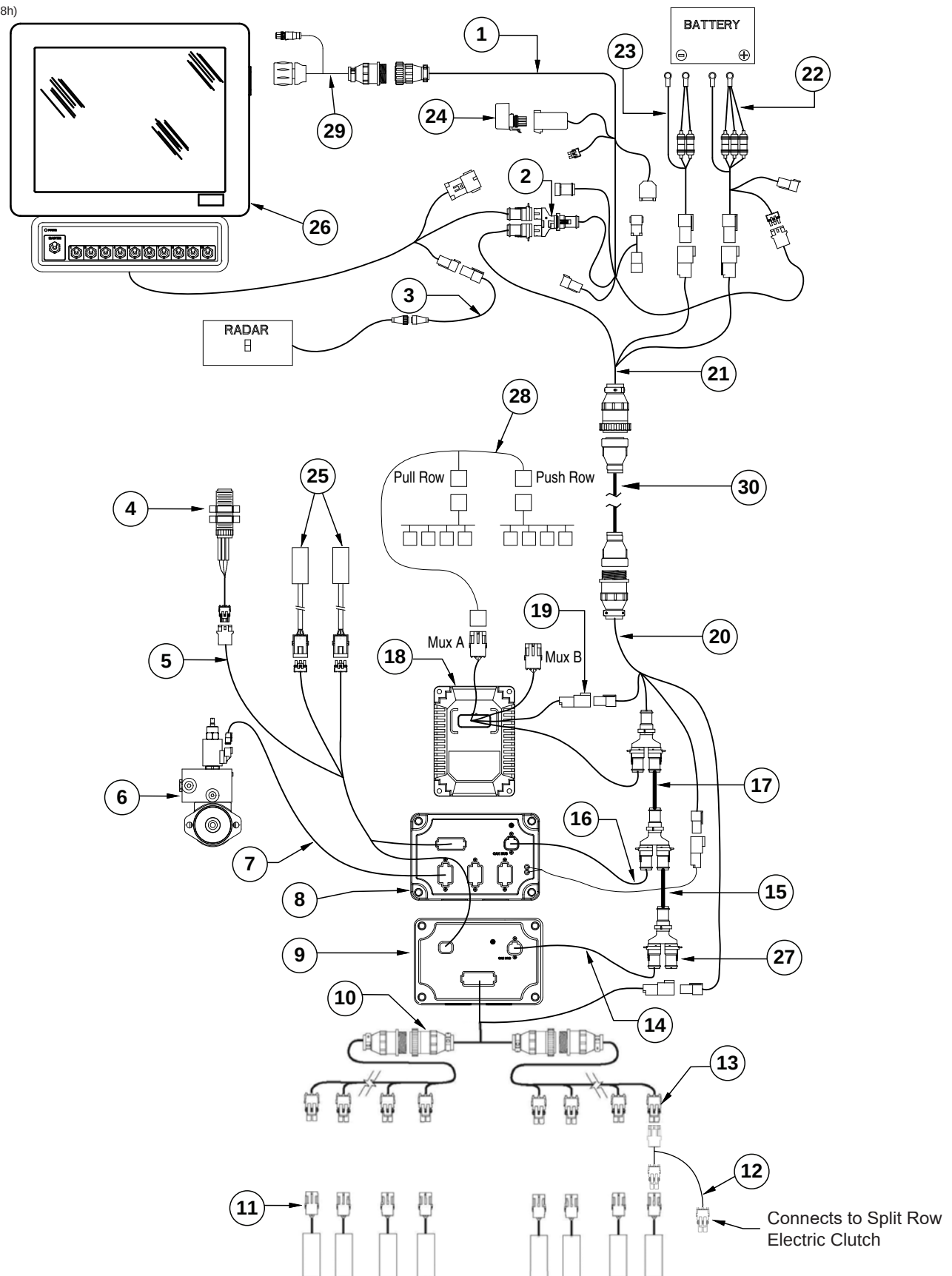
Continued on the next page.

ITEM	PART NO.	QTY.	DESCRIPTION
31	GD11089	-	Sealing Plug
32	---	-	---
33	GA8046	-	Dust Plug (Black)
	GA9978	-	Dust Plug (Blue)
34	GA8047	-	Dust Plug (Black)
	GA9979	-	Dust Plug (Blue)
35	G10686	4	Hex Head Cap Screw, 3/8"-16 x 8"
	G10229	4	Lock Washer, 3/8"
	G10101	4	Hex Nut, 3/8"-16
36	GR1415	1	Rotation Sensor
37	G11288	2	Pan Head Screw, No. 10-32 x 1 1/4"
	G10243	2	Washer, No. 10 SAE
	G10758	2	Hex Nut, No. 10-32
38	GD11474	2	Cover
39	G10927	2	Pan Head Machine Screw, No. 8-32 x 1 1/4", Stainless Steel
	G10931	2	Lock Washer, No. 8, Internal/External, Stainless Steel
	G10928	2	Hex Nut, No. 8-32, Stainless Steel
40	GR1414	1	Actuator
A	GA6147	-	Magnetic Distance Sensor And Mounting Package (Items 4-9)
B	GR1763	-	KPM III Loaner (Display Only)
C	GA13521	-	Shaft Sensor Mounting Package (Items 10, 21, 35, and 37-39)
D	GA8135	-	Shaft Rotation Kit, Includes: (2) Actuators (2) Rotation Sensors



ITEM	PART NO.	QTY.	DESCRIPTION
1	GR2279	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
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	---	-	---
8	GA13562	1	Cable Extension, 180"
9	GR1838	1	Dust Plug
10	GR1839	1	Dust Plug
11	GA13572	1	Multi-Product Cable
12	GA12852	1	Power Supply
13	GA12853	1	Null Modem Cable
14	GA24649	1	Power Supply (InCommand)
A	GA14448	-	Ram Mount Hardware Kit

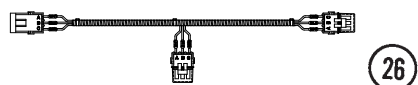
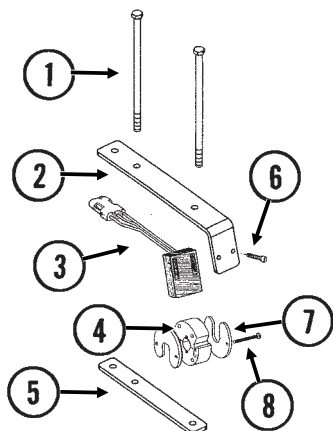
(TP1098h)



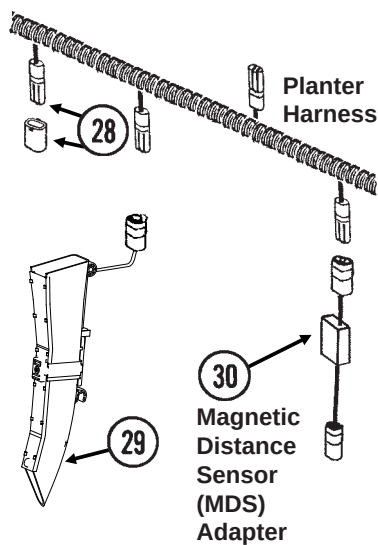
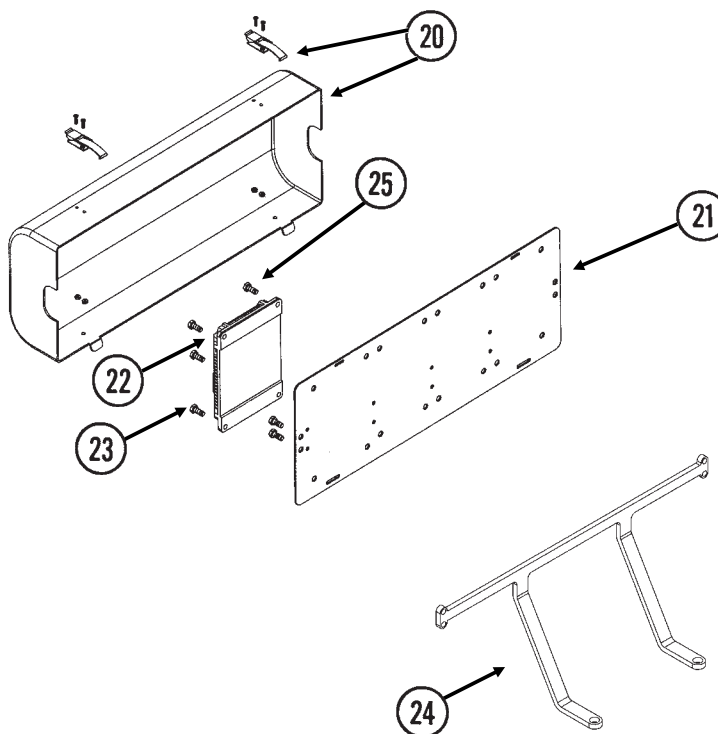
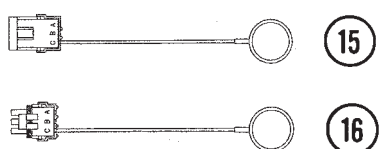
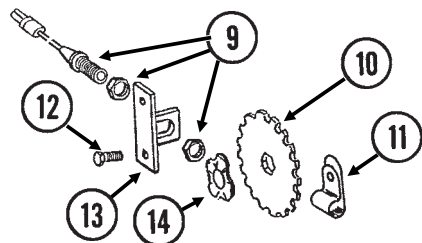
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA16831	1	ISOBUS Integra Display Cable
2	GD18176	1	Y-Splice Connector
3	GA12596	1	Radar Adapter Cable
4	G10192101	-	Implement Switch Adapter Harness
	G10404901	-	Implement Switch Assembly
5	GA16826	-	Implement Switch Extension Cable
6	---	-	---
7	GA12568	1	Seed Rate Cable
8	GA12564	1	Seed Rate Control Module
9	GA12537	1	Clutch Control Module
10	GA16382	1	Section Adapter Cable, 12 Row (2 Row)
	GA16375	-	Section Adapter Cable, 16 Row (2 Row)
11	GA16374	-	See "Ag Leader Electric Clutch" on page P10
12	GA16393	-	Interplant Cable (2 Rows)
	GA16381	-	Interplant Cable (3 Rows)
13	GA16383	2	Clutch Cable (6 Connectors), 12 Row
	GA16376	2	Clutch Cable (8 Connectors), 16 Row
14	GA12558	1	Can Stub Cable, 8"
15	GA12559	1	Can Extension Cable, 5"
16	GA12566	1	Cab Stub Cable, 6" (Hydraulic Drive)
17	GA12567	1	Can Extension Cable, 4" (Hydraulic Drive)
18	GA16351	1	Planter Monitor Module
19	GA12557	1	PMM Cable
20	GA17544	1	Implement Cable
21	GA14450	1	CAN Adapter Cable
22	GA14452	1	Power Cable
23	GA12598	1	Seed Rate Power Cable
24	GA12540	1	Power Control Relay
25	GA16829	-	See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs Option" on page P6
26	*GA24887	-	InCommand Display
27	GD18177	-	<u>Terminator</u>
28	GA7853	-	<u>Junction Y-Harness W/Dust Cap</u>
	GB1090	-	<u>Dust Cap (Included W/GA7853)</u>
29	GA24652	-	<u>InCommand to Legacy Adapter Cable</u>
30	GA17542	-	<u>Universal Implement Cable, 520" (12 Row)</u>
	GA17543	-	<u>Universal Implement Cable, 580" (16 Row)</u>

[*See "Miscellaneous Display Parts" on page P223](#) for mounting brackets and other miscellaneous items.

Shaft Rotation Sensor

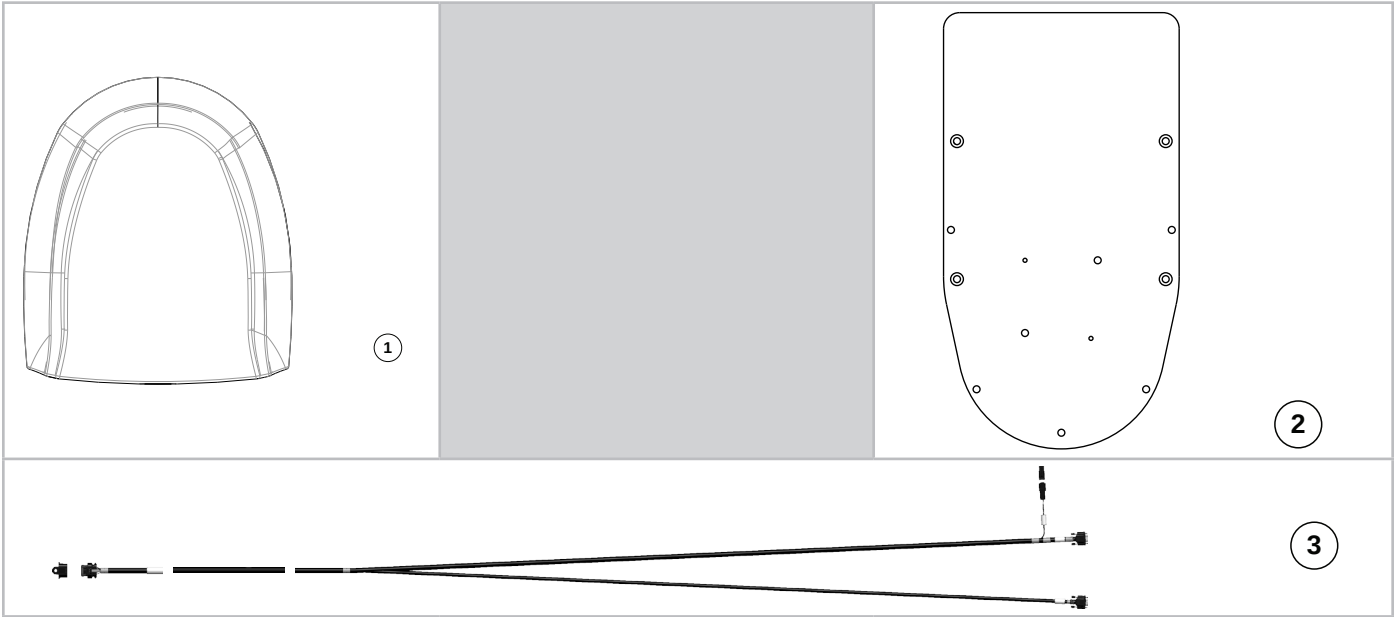


Magnetic Distance Sensor (MDS)



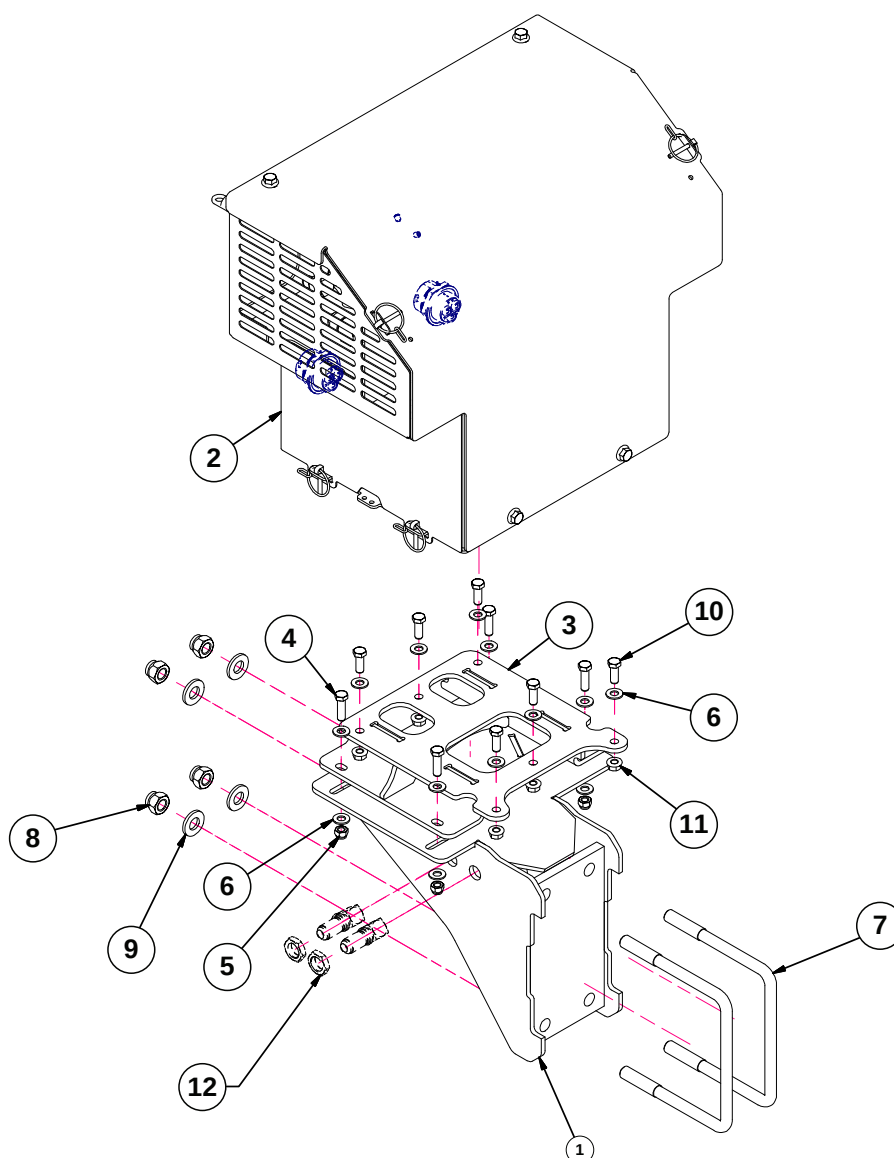
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10686	4	Hex Head Cap Screw, 3/8"-16 x 8"
2	G11091	4	Serrated Flange Nut, 3/8"-16
3	GD18118	2	Shaft Sensor Mount
4	GR1415	1	Rotation Sensor
5	GR1414	1	Actuator
	GD18168	2	Mount

ITEM	PART NO.	QTY.	DESCRIPTION
6	G11288	2	Pan Head Screw, No. 10-32 x 1½"
	G10243	2	Washer, No. 10 SAE
	G10758	2	Hex Nut, No. 10-32
7	GD11474	2	Cover
8	G10927	2	Pan Head Machine Screw, No. 8-32 x 1¼", Stainless Steel
	G10931	2	Lock Washer, No. 8, Internal/External, Stainless Steel
	G10928	2	Hex Nut, No. 8-32, Stainless Steel
9	GA5600	1	Magnetic Distance Sensor
10	GD8751	-	Magnetic Distance Sensor Pulse Wheel
11	GD6291	-	Insulated Clamp, ⅜"
12	G10001	2	Hex Head Cap Screw, ⅜"-16 x 1"
	G10229	2	Lock Washer, ⅜"
	G10101	2	Hex Nut, ⅜"-16
13	GD8770	1	Bracket
14	GD8771	1	Spring Wave Washer
15	GA8046	-	Dust Plug (Black)
	GA9978	-	Dust Plug (Blue)
16	GA8047	-	Dust Plug (Black)
	GA9979	-	Dust Plug (Blue)
17	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
18	G1K252	-	3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
	G1K363	-	3-Pin Male Connector Kit (Blue), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals
19	GD11089	-	Sealing Plug
20	GA12563	1	Module Cover Assembly W/Lock Clamps
	GA12641	-	Lock Clamp (Included W/GA12563)
	G11065	-	Phillips Pan Head Machine Screw, No. 8-32 x ⅝", Stainless Steel (Included W/
	G11241	-	GA12563)
21	GD18013	1	Bracket
22	GA12538	1	Planter Monitor Module
23	G10019	4	Hex Head Cap Screw, ⅝"-18 x 1"
	G10620	4	Serrated Flange Nut, ⅝"-18
24	GD19295	2	Support
	G10019	6	Hex Head Cap Screw, ⅝"-18 x 1"
	G10232	6	Lock Washer, ⅝"
	G10106	6	Hex Nut, ⅝"-18
25	G10043	2	Hex Head Cap Screw, ⅝"-18 x ¾"
	G10232	2	Lock Washer, ⅝"
	G10106	2	Hex Nut, ⅝"-18
26	GA13551	-	Tee Junction Harness
27	G10475701	-	Professional Microfiber Duster, 19" (for cleaning Seed Tube sensors)
28	GA7852	-	Planter Harness W/Dust Caps, 12 Row (20 Connectors)
	GA8050	-	Planter Harness W/Dust Caps, 16 Row (22 Connectors)
	GB1090	-	Dust Cap (Included W/GA7852 and GA8050)
29	G10745401	-	Seed Tube W/Computerized Sensor
	GA20902	-	Seed Tube (With Holes For Sensor Installation) (Included W/G)
30	GA7859	1	Magnetic Distance Sensor Adapter (Analog To Digital)
31	GA16923	-	Dickey John Adapter Cable
A	GA6147	-	Magnetic Distance Sensor And Mounting Package (Items 9-14)



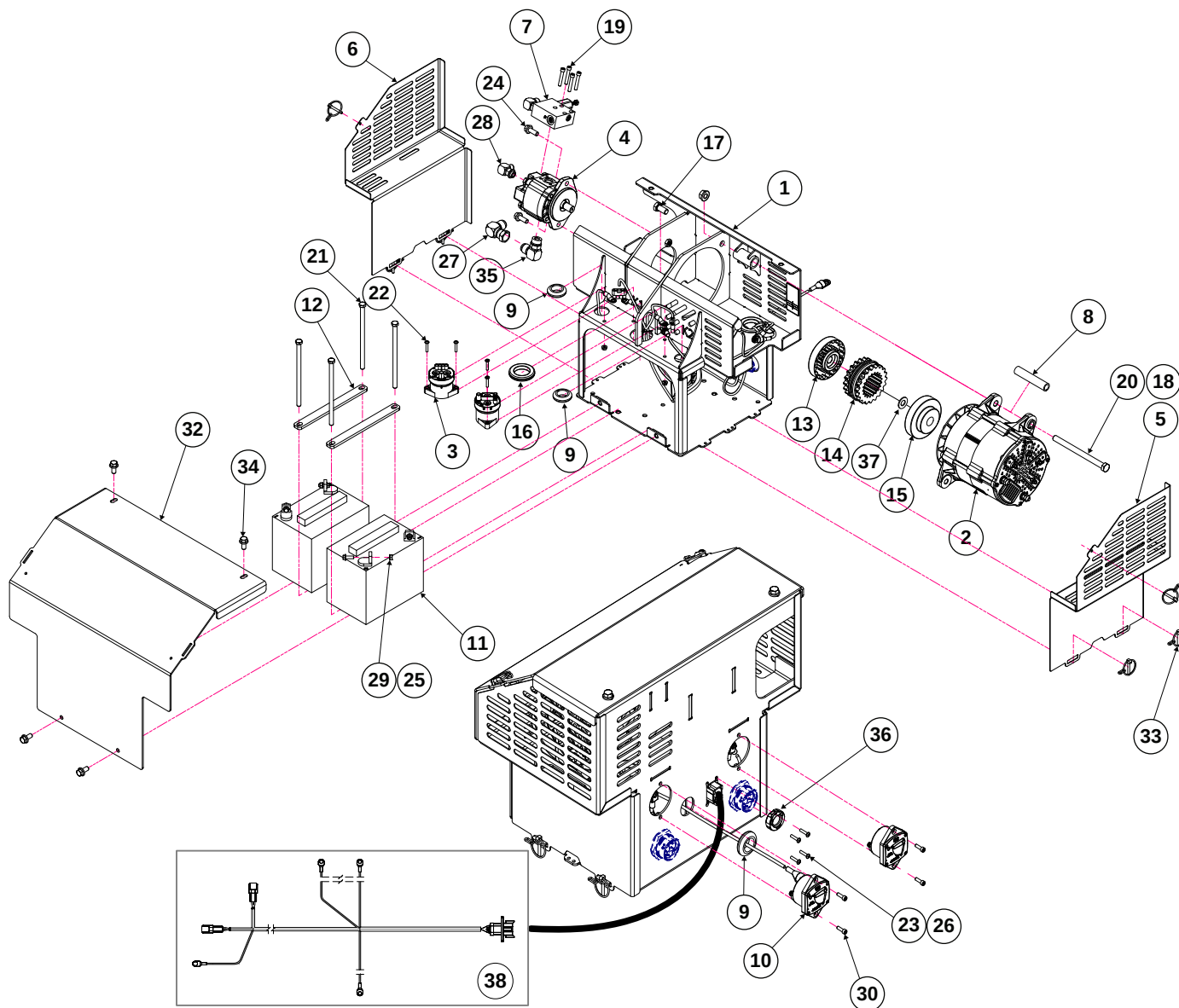
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10254901	1	GPS Receiver
2	G10254701	1	GPS Dual Port Receiver
3	G10254801	1	GPS Mount Bracket

(102688)



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10268401	1	Power Pack Mount
2	G10112902	1	See "Power Pack Assembly" on page P230
3	GA27112	1	Base Mount
4	G10004	4	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
5	G10108	4	Lock Nut, 3/8"-16
6	G11387	14	Flat Washer, 3/8" SAE
7	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
8	G10107	4	Lock Nut, 5/8"-11
9	G11391	4	Flat Washer, 5/8" SAE
10	G10001	6	Hex Head Cap Screw, 3/8"-16 x 1"
11	G10622	6	Serrated Flange Nut, 3/8"-16
12	G2701-08	2	Bulkhead Elbow, 90°, 3/4"-16 Male JIC
	G306-08	2	Lock Nut, 3/4"-16
	G10492	2	Thread Protector, 3/4"-16

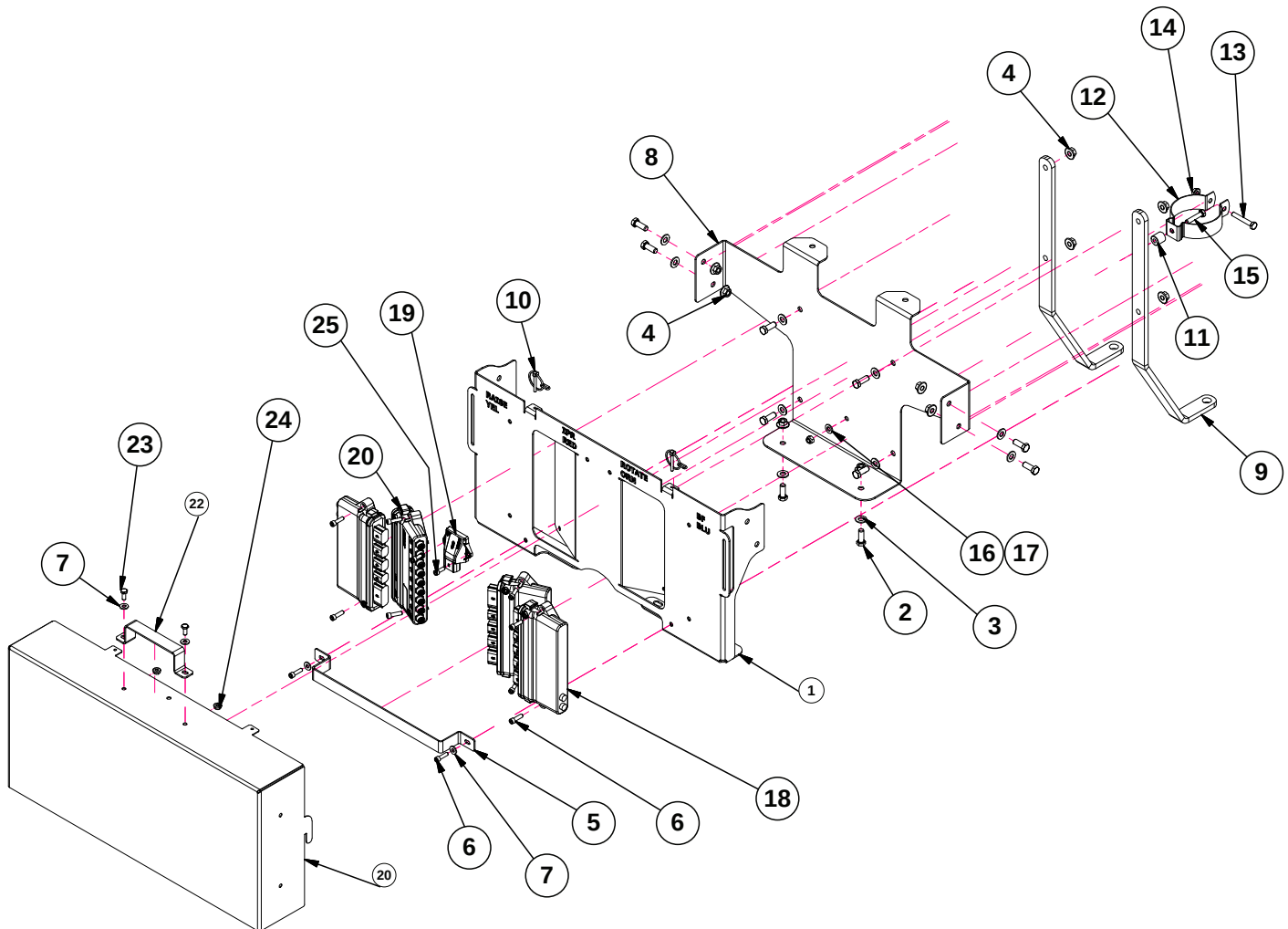
(101129)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA26839	1	Battery Box
2	GA26673	1	Alternator
3	G10584701	2	Contactors
4	G10169501 G11105001	1 -	Hydraulic Motor O-Ring
5	GD36822	1	Battery Box Vent
6	GD36821	1	Battery Box Vent
7	---	-	See "Manifold Hydraulic Block Assembly" on page P191
8	G10318901	1	Sleeve, .80 O.D. x .50 I.D. x 3.85
9	GD22200	3	Grommet, 1"
10	GD28354	2	Circuit Breaker, 100 Amp Panel Mount

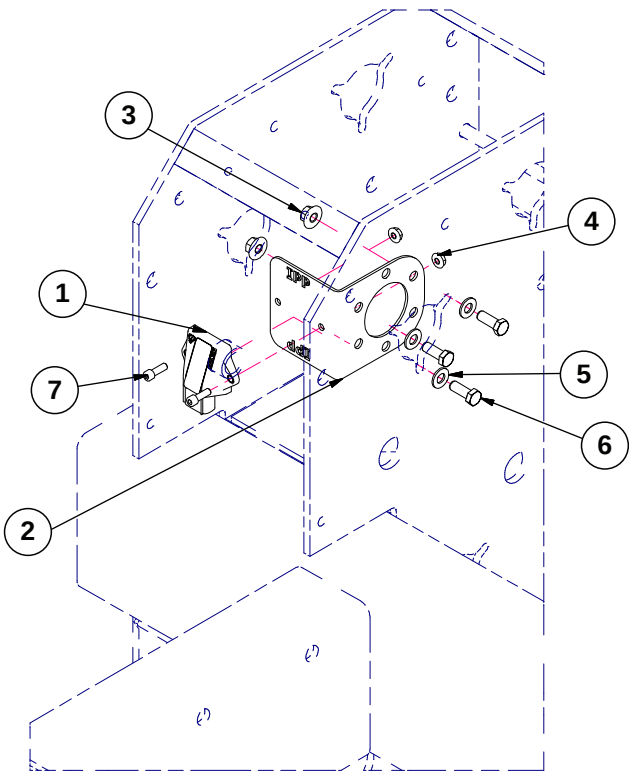
ITEM	PART NO.	QTY.	DESCRIPTION
11	GD28363	2	Battery, 12 Volt
12	G10114001	2	Battery Strap
13	GD36680	1	Coupler Half, .625" Bore
14	GD36681	1	Sleeve W/Retaining Ring
15	GD36682	1	Coupler Half, .875" Bore
16	GR2126	2	1½" Push-In Grommet
17	G10014	1	Hex Head Cap Screw, ½"-13 x 1"
18	G10071	1	Serrated Flange Nut, 1/2"-13
19	G11418	4	Hex Socket Head Cap Screw, ¼" x 1½"
20	G10829	1	Hex Head Cap Screw, ½"-13 x 6 ½"
21	G10954	4	Hex Head Cap Screw, 3/8"-16 x 7"
22	G10992	8	Serrated Flange Nut, No. 10-24
23	G11067	4	Phillips Pan Head Machine Screw, No. 8-32 x 3/4", Stainless Steel
24	G11124	2	Hex Serrated Flange Cap Screw, 3/8"-16 x 1"
25	G11166	3	Hex Socket Flange Cap Screw, ¼"-20 x ¾"
	G11409	1	Hex Socket Flange Cap Screw, ¼"-20 x 1"
26	G11202	4	Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel
27	G6500-10	1	Swivel Elbow, 90°, 7/8"-14 Male JIC To Female
28	G6801-06	1	Elbow, 90°, 9/16"-18 x 7/16"-20 W/O-Ring
29	G11528	4	Hex Nut W/External Tooth Washer, ¼"-20
30	G11588	4	Hex Socket Head Cap Screw, No. 10-24 x ⅝" Grade 8
31	---	-	---
32	GD36820	1	Battery Box Cover
33	G11339	6	Pin W/Chain
34	G11123	4	Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"
35	G6801-10	1	Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring
36	GD25007	1	Deutsch Cap, Size 24 (Only used with non-Split Row configurations)
37	G11391	1	Flat Washer, 5/8" SAE
38	G10600701	1	Compact Power Pack Sense Harness
A	G10112902	-	Power Pack (Includes Items 1-38)

(100618)



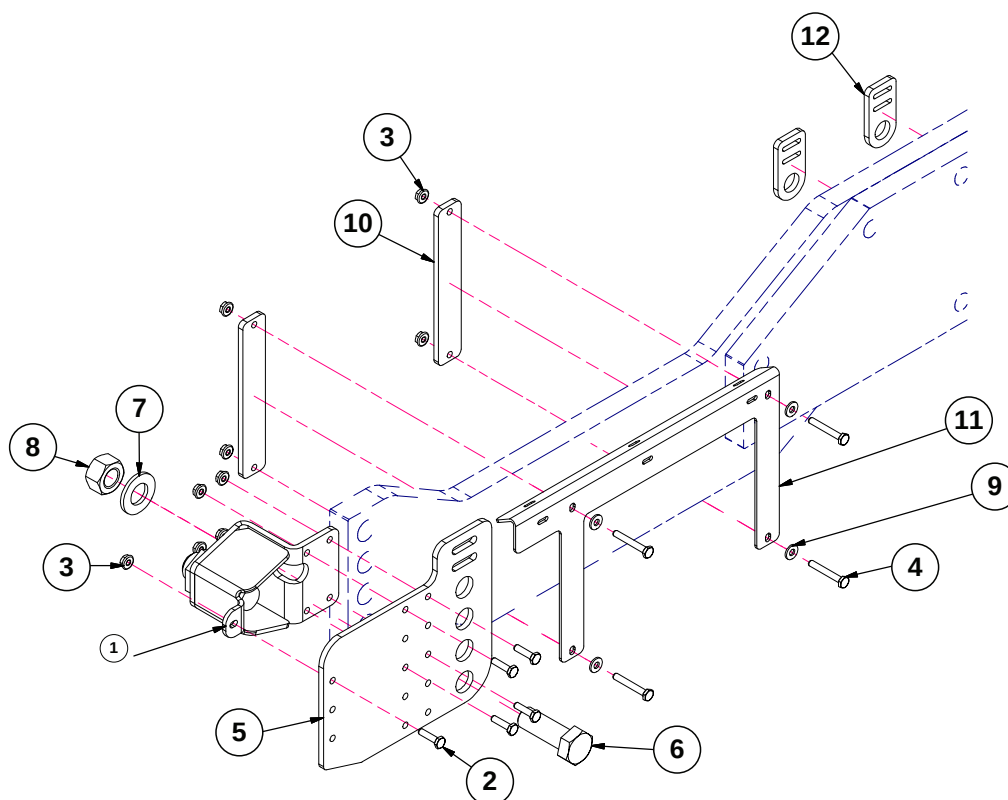
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10079201	1	Narrowed Module Mount
2	G10001	10	Hex Head Cap Screw, 3/8"-16 x 1"
3	G11387	10	Flat Washer, 3/8" SAE
4	G11091	10	Serrated Flange Nut, 3/8"-16
5	GD36727	1	Module Harness Loop
6	G10252	10	Hex Socket Head Cap Screw, 1/4"-20 x 7/8", Grade 8
7	G11385	4	Flat Washer, 1/4" SAE
8	G10402801	1	Center Mount Back Plate
9	G10164901	2	Center Mount Bracket
10	G11339	2	Pin W/Chain
11	GD25867	1	Drill Bushing, .75" O.D. x .3125" I.D. x .75"
12	GD20795	1	Light Mount Clamp
13	G10041	1	Hex Head Cap Screw, 5/16"-18 x 2"
14	G10620	1	Serrated Flange Nut, 5/16"-18
15	G10133	1	Hex Head Cap Screw, 5/16"-18 x 1 1/2"
16	G11386	1	Flat Washer, 5/16" SAE
17	G10109	1	Lock Nut, 5/16"-18
18	GA25949	3	IPN Module Assembly
19	GA21687	1	IPP Module Assembly
20	GA25950	1	IPR Module Assembly
21	GA26744	1	Module Cover
22	GD36726	1	Handle
23	G10020	2	Hex Head Cap Screw, 1/4"-20 x 5/8"
24	G10621	2	Serrated Flange Nut, 1/4"-20
25	G10831	2	Socket Head Screw, 1/4"-20 x 5/8"

(100558/A21687)



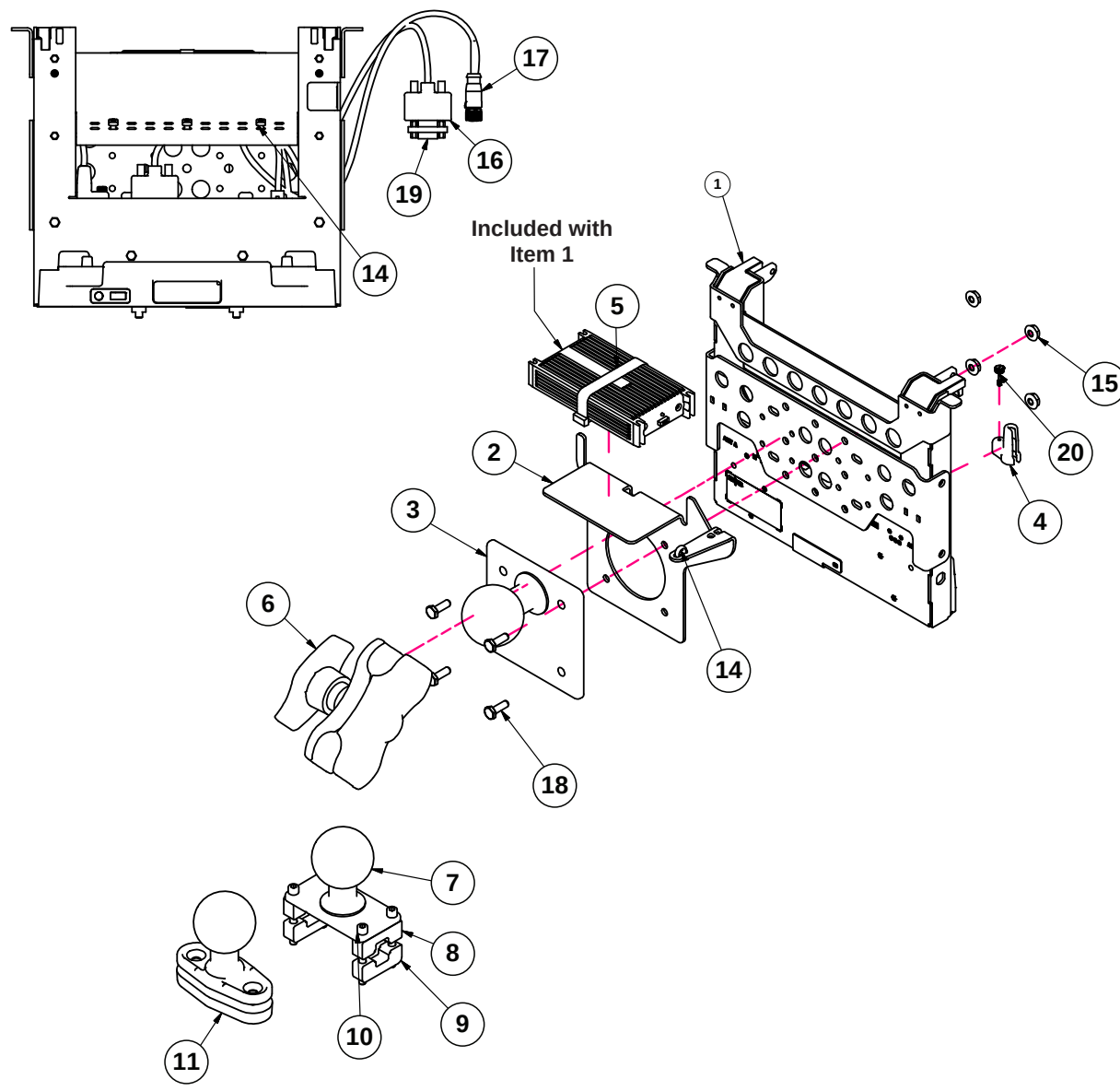
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA21687	1	IPP Module Assembly
2	G10293301	1	IPP Module Bracket
3	G11091	3	Serrated Flange Nut, 3/8"-16
4	G10621	2	Serrated Flange Nut, 1/4"-20
5	G11387	3	Flat Washer, 3/8" SAE
6	G10001	3	Hex Head Cap Screw, 3/8"-16 x 1"
7	G11213	2	Hex Socket Head Cap Screw, 1/4"-20 x 3/4"

(101650)

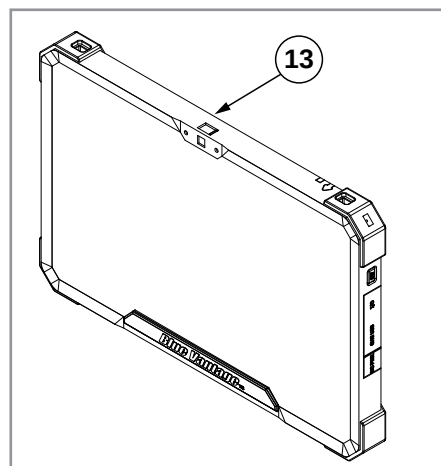


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10020601	1	Sensor Bracket
2	G10064	5	Hex Head Cap Screw, 1/4"-20 x 1"
3	G10621	9	Serrated Flange Nut, 1/4"-20
4	G10040	4	Hex Head Cap Screw, 1/4"-20 x 1 3/4"
5	G10069801	1	Jump Start Sensor Bracket
6	G10448	1	Hex Head Cap Screw, 7/8"-9 x 2 1/2", Grade 8
7	G11393	1	Flat Washer, 7/8"
8	G10955	1	Hex Nut, 7/8"-9
9	G11385	4	Flat Washer, 1/4" SAE
10	G10087101	2	Back Plate, Cable Guard Bracket
11	G10072201	1	Speed Sensor Cable Guard Bracket
12	G10087201	2	Cable Plate

(A25406/A25408)

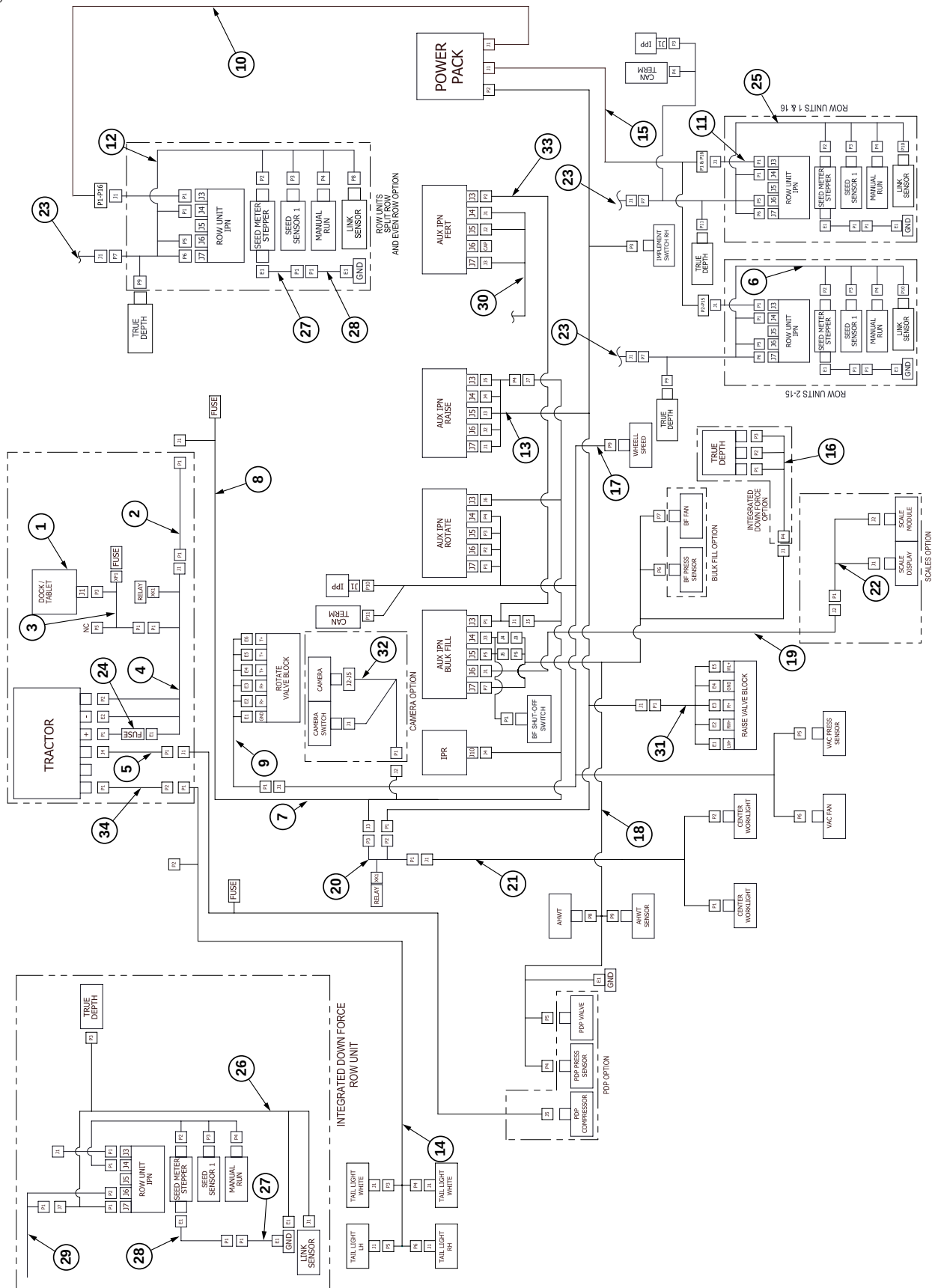
**12****GPS Interface Package Includes:**

- (1) GPS Installation Sheet
- (1) Meter Serial Ext. Cable
- (1) 1600 AgLeader GPS Cable
- (1) Trimble to Starfire Adapter Cable
- (1) M/M DB9 Serial Connector
- (1) F/F DB9 Serial Connector
- (1) Null Modem M/F DB9 Conector
- (1) GPS Harness



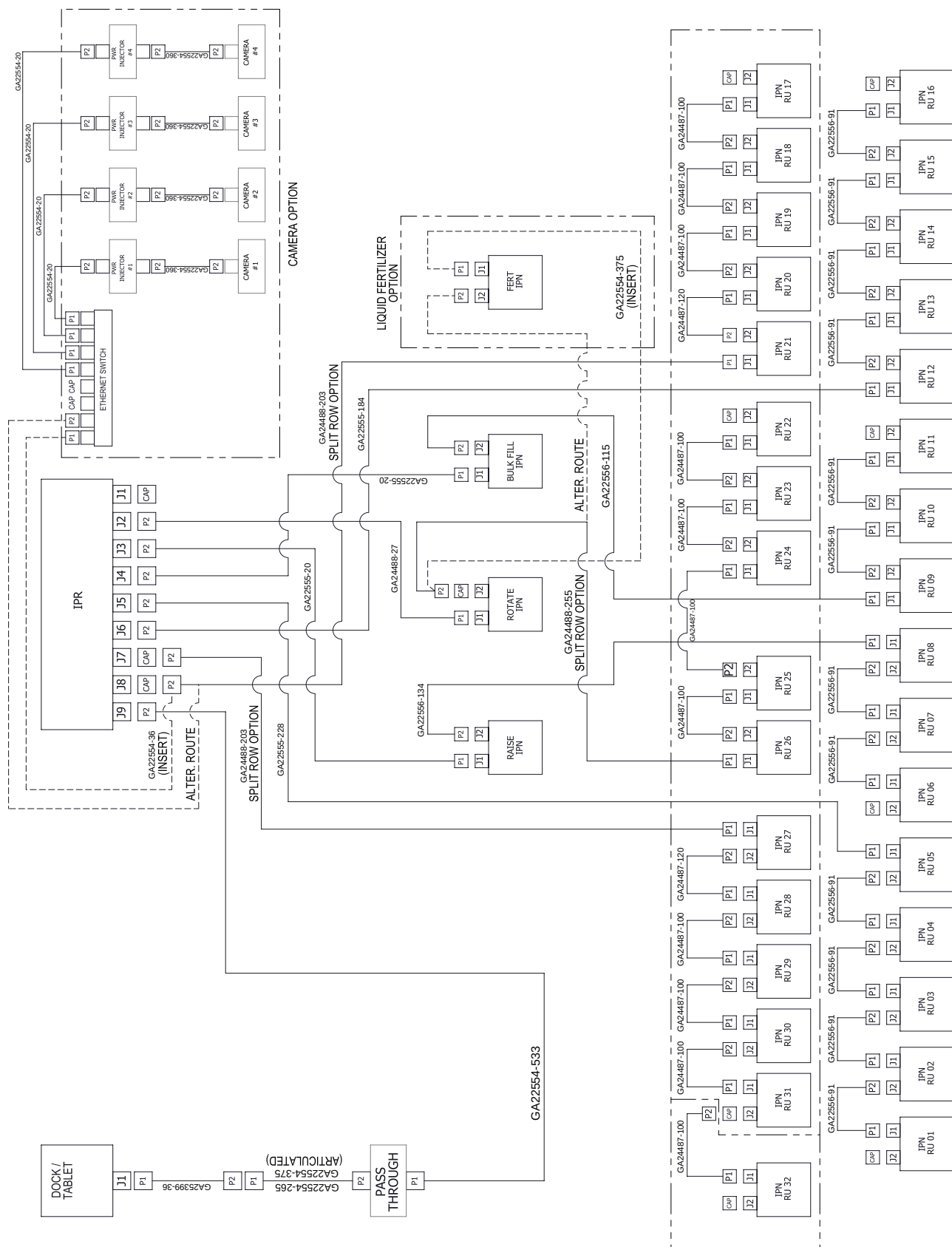
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA24281	1	Docking Station
2	GD35216	1	Display Power Supply Mount
3	GD33756	1	Ram Ball, 2¼"
4	GD36723	1	Havis Station Cord Retainer
5	GD10544	1	Cable Tie, 45-1/2"
6	GA24285	1	Double Socket Ram Arm (Short)
7	GD33757	1	Ram Ball W/Plate, 2¼" Ball
8	GD33758	2	Ram Mount Clamp Block, Top
9	GD33759	2	Ram Mount Clamp Block, Bottom
10	G11106	4	Hex Socket Head Cap Screw, ¼"-20 x 2¼"
11	GA24284	1	Ram Ball W/Base, 2½" Ball
12	GA21143	1	GPS Interface Package
13	G10243001	1	Blue Vantage Display
14	GD1512	4	Cable Tie, 7-1/2"
15	G10621	4	Serrated Flange Nut, ¼"-20
16	GA25437	1	DB9 Cable F/F
17	GA25399-36	1	Ethernet Cable (RJ45-Female M12 STR), 36"
18	G10023	4	Hex Head Cap Screw, ¼"-20 x ¾"
19	GD35465	1	DB9 M/M Harness Adapter
20	GD36724	1	Thumb Screw, 4-40 x 0.281

(101656)



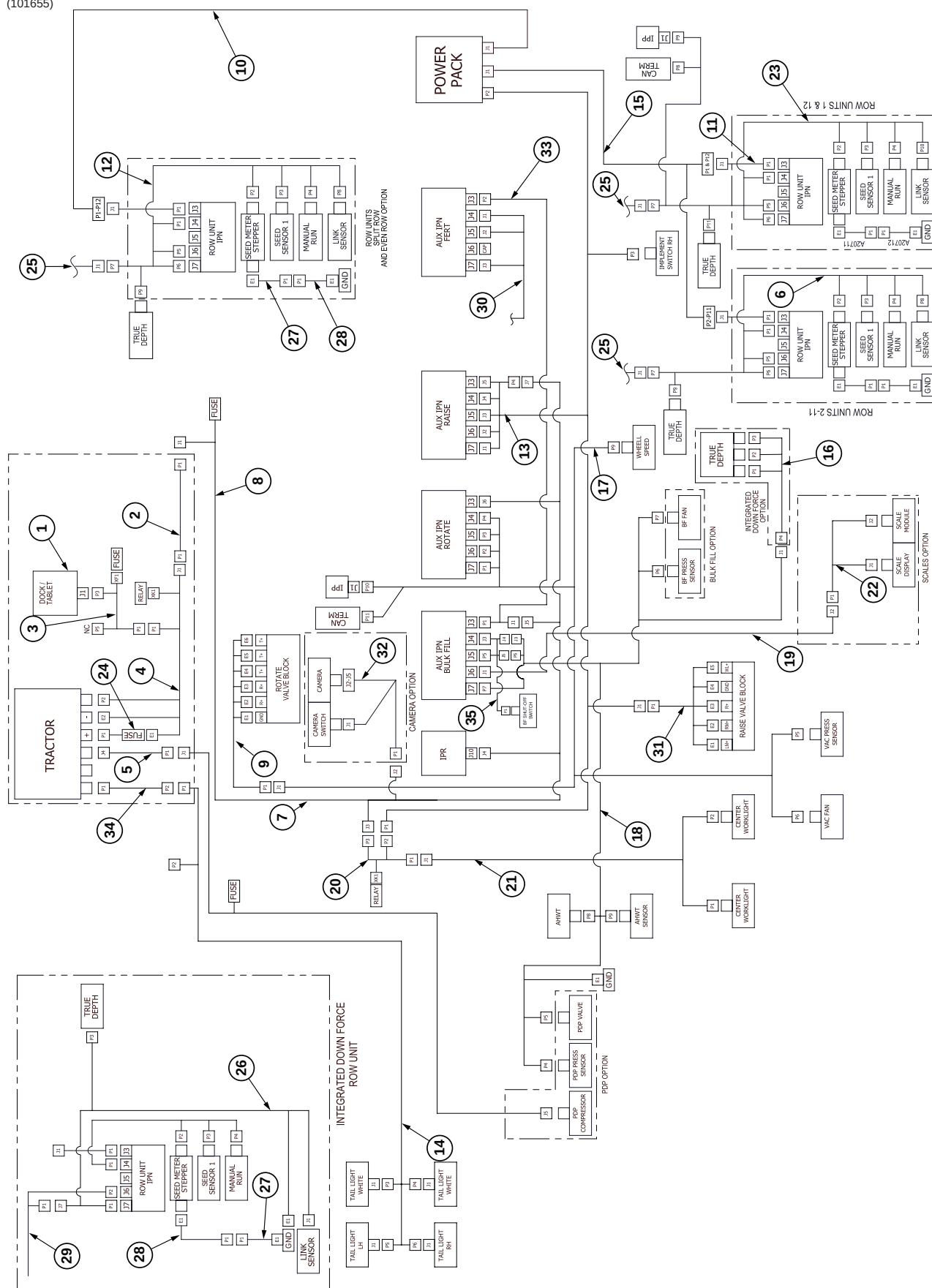
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10243101	-	See "Blue Vantage Display" on page P236
2	G11074801	-	Tractor Power Harness Extension, 10" (Included)
	G11074802	-	Tractor Power Harness Extension, 16" (Optional)
3	GA25031	-	Tractor Console Harness
4	GA25030	-	Tractor Power Harness
5	GA17547	-	Power Adapter Cable (Included)
	GA26751	-	Power Adapter Harness (Optional)
6	G10864901	-	Row Unit Seed Meter Harness
7	GA16392	-	Compressor Harness, 60'
8	G10338901	-	12V Power Harness
9	G10150201	-	3605 Rotation Harness Adapter
10	G10299101	-	3605 Split Row 24V Push Unit Power Harness
11	GA25029	-	Row Unit Power Harness Extension
12	G10884801	-	Push Unit Seed Meter Harness
13	G11044901	-	3605 Raise Plug-In Harness
14	G10316301	-	Tail Lights Harness
15	G10259801	-	3605 24V Row Unit Power Harness
16	GA26713	-	Integrated True Depth Harness
17	G10393101	-	3605 Rotation Plug-In Harness
18	G10515001	-	3605 Bulk Fill PDP AHWI Harness
19	G10286101	-	Bulk Fill Scale Harness
20	GA22547	-	Worklight Relay Harness
21	G10171901	-	LED Worklight Harness
22	G10242801	-	Bulk Fill Scale CAN PHD28 Cable
23	G10887601	-	See "BV Liquid Fertilizer Interconnect" on pages P258-P259
24	G10049501	-	Tractor Battery Connection Harness and Fuse Kit
25	G10864801	-	Row Unit Seed Meter Harness W/ IPP
26	GA26709	-	Integrated True Depth Row Unit Harness
27	GA20712	-	Row Unit ESD Drain Harness
28	GA20711	-	Seed Meter Motor ESD Drain Harness
29	GA25714	-	Fertilizer Flow Harness
30	G10851201	-	Fertilizer Module Harness
31	G10150301	-	3605 Raise Harness Adapter
32	G10269201	-	Camera Power Harness
33	G10698001	-	Fertilizer IPN Power Harness
34	GA25170	-	Light Extension Harness (EU)
	G11143801	-	Tail Light Extension Harness 5 PIN (N. America); Tail Light Extension Harness 7 PIN (European)
35	G10963101	-	Bulk Fill Shutoff Intercept Harness

(101658)



ITEM	PART NO.	QTY.	DESCRIPTION
-	A22554-20	-	ETHERNET CA CAT 5 (M12 STR-M12 STR) X 20"
-	A22554-265	-	Ethernet Cable (M12 STR-M12 STR), 265" (Included)
-	A22554-375	-	Ethernet Cable (M12 STR-M12 STR), 375" (Optional for Articulated Tractor)
-	A22554-36	-	ETHERNET CA CAT 5 (M12 STR 0 M12 STR) X 36
-	A22554-360	-	ETHERNET CA CAT 5 (M12 STR-M12 STR) X 360
-	A22554-533	-	ETHERNET CA CAT 5E (M12 STR-M12 STR) X 533
-	A22555-184	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 STR) X 184
-	A22555-20	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 STR) X 20
-	A22555-228	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 STR) X 228
-	A22556-115	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 RA SPECIAL) X 115
-	A22556-134	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 RA SPECIAL) X 134
-	A22556-91	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 RA SPECIAL) X 91
-	A24487-100	-	ETHERNET CA CAT 5E (M12 RA-M12 RA) X 100
-	A24487-120	-	ETHERNET CA CAT 5E (M12 RA-M12 RA) X 120
-	A24488-203	-	ETHERNET CA CAT 5E (M12 RA-M12 STR) X 203
-	A24488-255	-	ETHERNET CA CAT 5E (M12 RA-M12 STR) X 255
-	A24488-27	-	ETHERNET CA CAT 5E (M12 RA-M12 STR) X 27
-	A25399-36	-	ETHERNET CA CAT 5 (RJ45-FEMALE M12 STR) X 36

(101655)

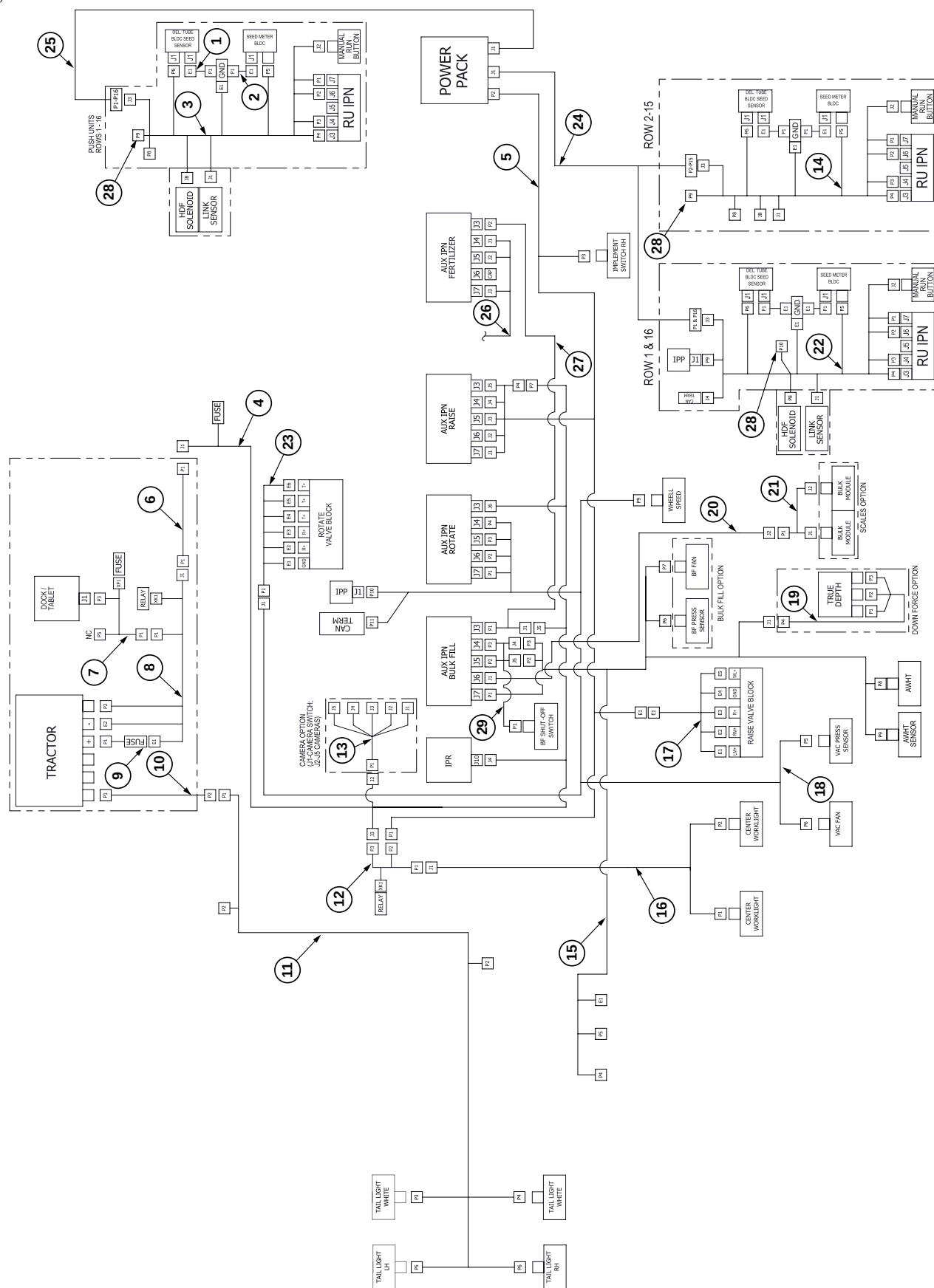


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10243101	-	See "Blue Vantage Display" on page P236
2	G11074801	-	Tractor Power Harness Extension, 10" (Included)
	G11074802	-	Tractor Power Harness Extension, 16" (Optional)
3	GA25031	-	Tractor Console Harness
4	GA25030	-	Tractor Power Harness
5	GA17547	-	Power Adapter Cable (Included)
	GA26751	-	Power Adapter Harness (Optional)
6	G10864901	-	Row Unit Seed Meter Harness
7	GA16392	-	Compressor Harness, 60'
8	G10358301	-	12V Power Harness
9	G10150201	-	3605 Rotation Harness Adapter
10	G10299201	-	3605 12 Row 70 cm 24V Split Row Push Unit Power Harness
11	GA25029	-	Row Unit Power Harness Extension
12	G10884801	-	Row Unit Seed Meter Harness
13	G11044901	-	3605 Raise Plug-In Harness
14	G10316301	-	Tail Lights Harness
15	G10217601	-	3605 12 Row 70 cm 24V Row Unit Power Harness
16	GA26713	-	Integrated True Depth Harness
17	G10393101	-	3605 Rotation Plug-In Harness
18	G10515001	-	3605 Bulk Fill PDP AHWHT Harness
19	G10286102	-	Bulk Fill Scale Harness
20	GA22547	-	Worklight Relay Harness
21	G10171901	-	LED Worklight Harness
22	G10242801	-	Bulk Fill Scale CAN PHD28 Cable
23	G10864801	-	Row Unit Seed Meter Harness W/ IPP
24	G10049501	-	Tractor Battery Connection Harness and Fuse Kit
25	G10887701	-	See "BV Liquid Fertilizer Interconnect" on pages P256-P257
26	GA26709	-	Integrated True Depth Row Unit Harness
27	GA20712	-	Row Unit ESD Drain Harness
28	GA20711	-	Seed Meter Motor ESD Drain Harness
29	GA25714	-	Fertilizer Flow Harness
30	G10851201	-	Fertilizer Module Harness
31	G10150301	-	3605 Raise Harness Adapter
32	G10269201	-	Camera Power Harness
33	G10698001	-	Fertilizer IPN Power Harness
34	GA25170	-	Light Extension Harness (EU)
	G11143801	-	Tail Light Extension Harness 5 PIN (N. America); Tail Light Extension Harness 7 PIN (European)
35	G10963101	-	Bulk Fill Shutoff Intercept Harness



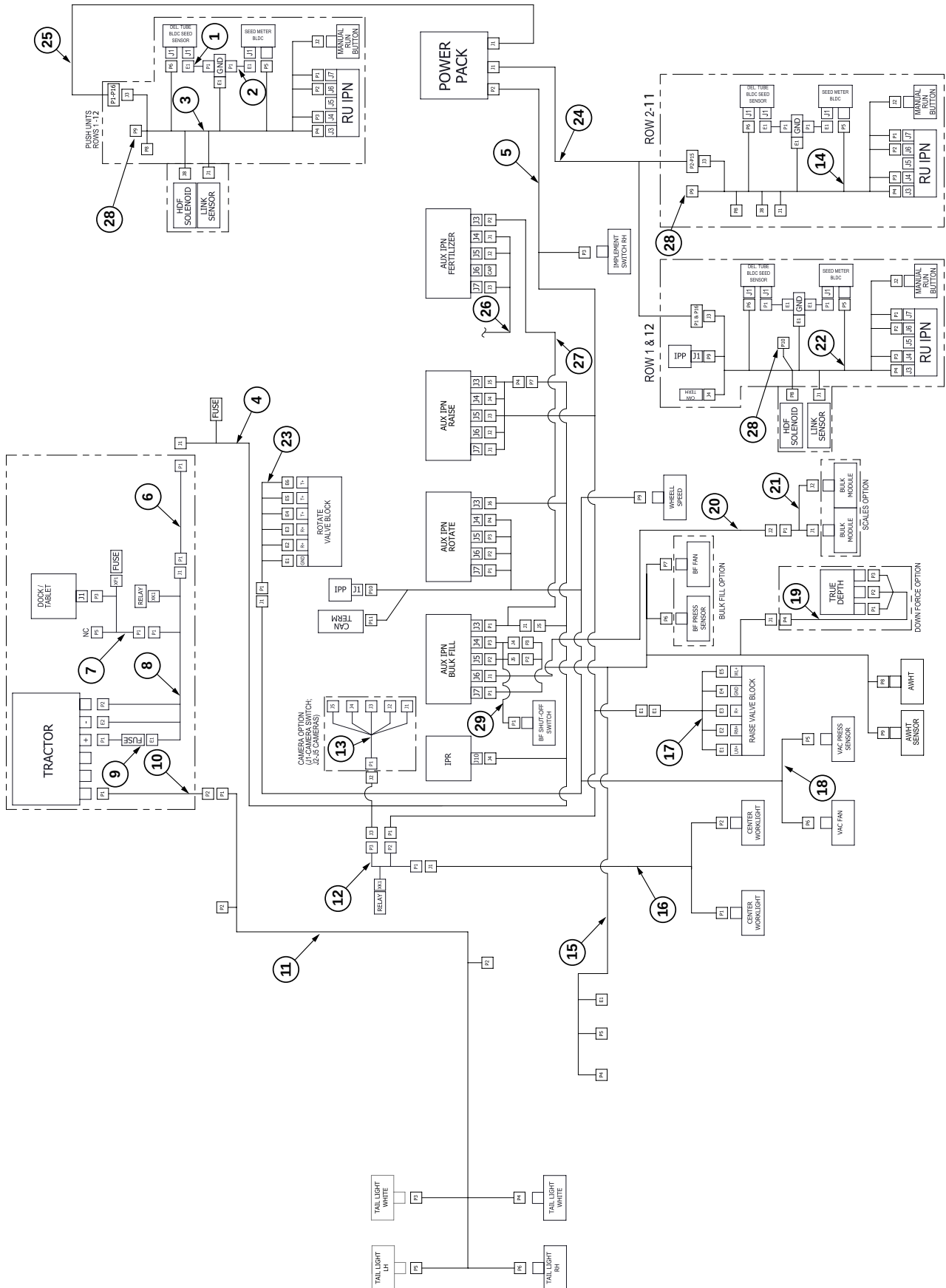
ITEM	PART NO.	QTY.	DESCRIPTION
-	A22554-20	-	ETHERNET CA CAT 5 (M12 STR-M12 STR) X 20"
-	A22554-265	-	Ethernet Cable (M12 STR-M12 STR), 265" (Included)
-	A22554-375	-	Ethernet Cable (M12 STR-M12 STR), 375" (Optional for Articulated Tractor)
-	A22554-36	-	ETHERNET CA CAT 5 (M12 STR 0 M12 STR) X 36
-	A22554-360	-	ETHERNET CA CAT 5 (M12 STR-M12 STR) X 360
-	A22554-424	-	ETHERNET CA CAT 5E (M12 STR-M12 STR) X 424
-	A22555-184	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 STR) X 184
-	A22555-20	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 STR) X 20
-	A22555-228	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 STR) X 228
-	A22556-115	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 RA SPECIAL) X 115
-	A22556-134	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 RA SPECIAL) X 134
-	A22556-91	-	ETHERNET CA CAT 5E (M12 RA SPECIAL-M12 RA SPECIAL) X 91
-	A24487-100	-	ETHERNET CA CAT 5E (M12 RA-M12 RA) X 100
-	A24487-120	-	ETHERNET CA CAT 5E (M12 RA-M12 RA) X 120
-	A24488-203	-	ETHERNET CA CAT 5E (M12 RA-M12 STR) X 203
-	A24488-255	-	ETHERNET CA CAT 5E (M12 RA-M12 STR) X 255
-	A24488-27	-	ETHERNET CA CAT 5E (M12 RA-M12 STR) X 27
-	A25399-36	-	ETHERNET CA CAT 5 (RJ45-FEMALE M12 STR) X 36

(103524)



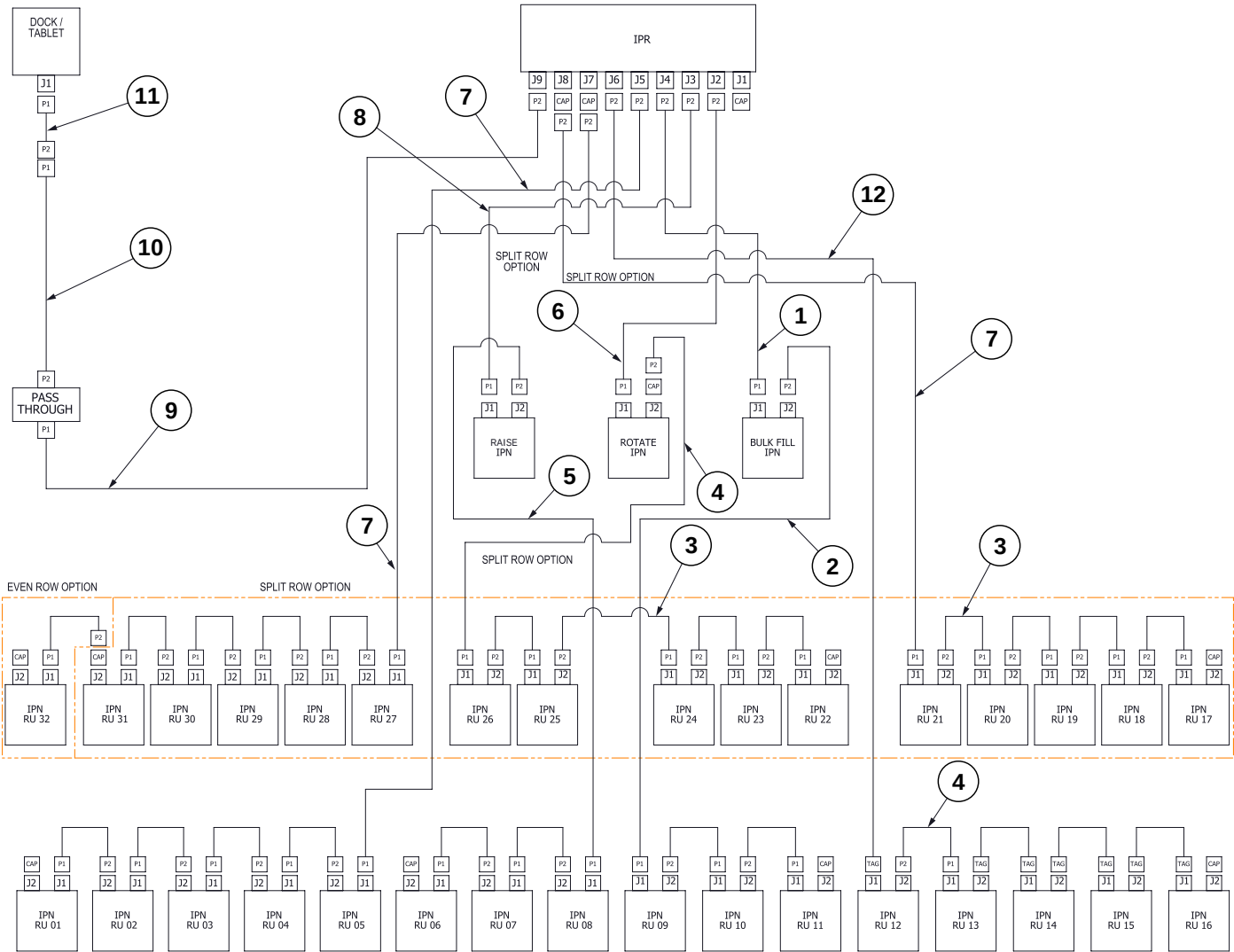
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10213602	-	ESD Ground Strap Harness (True Speed)
	G10213502	-	ESD Ground Strap Harness (True Speed)
2	G10213601	-	ESD Ground Strap Harness (True Speed)
	G10213501	-	ESD Ground Strap Harness (True Speed)
3	G10864201	-	True Speed Push Unit Harness
4	G10338901	-	12V Power Harness
5	G11044901	-	3605 Plug-In Raise Harness
6	G11074801	-	Tractor Power Harness Extension, 10' (Included)
	G11074802	-	Tractor Power Harness Extension, 16' (Optional)
7	GA25031	-	Tractor Console Harness
8	GA25030	-	Tractor Power Harness
9	G10049501	-	Tractor Battery Connection Harness And Fuse Kit
10	GA25170	-	Light Extension Harness (EU)
	G11143801	-	Tail Light Extension Harness 5 PIN (N. America); Tail Light Extension Harness 7 PIN (European)
11	G10316301	-	3605 70CM Tail Lights Harness
12	GA22547	-	Worklight Relay Harness
13	G10269201	-	Camera Power Harness
14	G10864101	-	True Speed Pull Unit Harness
15	G10342401	-	3605 70CM BF PDP Active Hydraulic Weight Transfer Harness
16	G10171901	-	3605 LED Worklight Harness
17	G10150301	-	3605 Raise Harness Adapter
18	G10393101	-	3605 Rotate Plug-In Harness
19	GA26713	-	Integrated True Depth Harness
20	G10286102	-	CAN Stub Harness
21	G10242801	-	Bulk Fill Scale CAN Cable
22	G10864001	-	True Speed Row Unit Harness W/ IPP
23	G10150201	-	3605 Rotate Adapter Harness
24	G10259801	-	3605 16R70CM 24V Row Unit Power Harness
25	G10299101	-	3605 16R70CM 24V Push Unit Power Harness
26	G10851201	-	Fertilizer Module Harness
27	G10698001	-	Fertilizer IPN Power Harness
28	G10887601	-	Liquid Fertilizer Interconnect
29	G10963101	-	Bulk Fill Shutoff Intercept Harness

(103523)



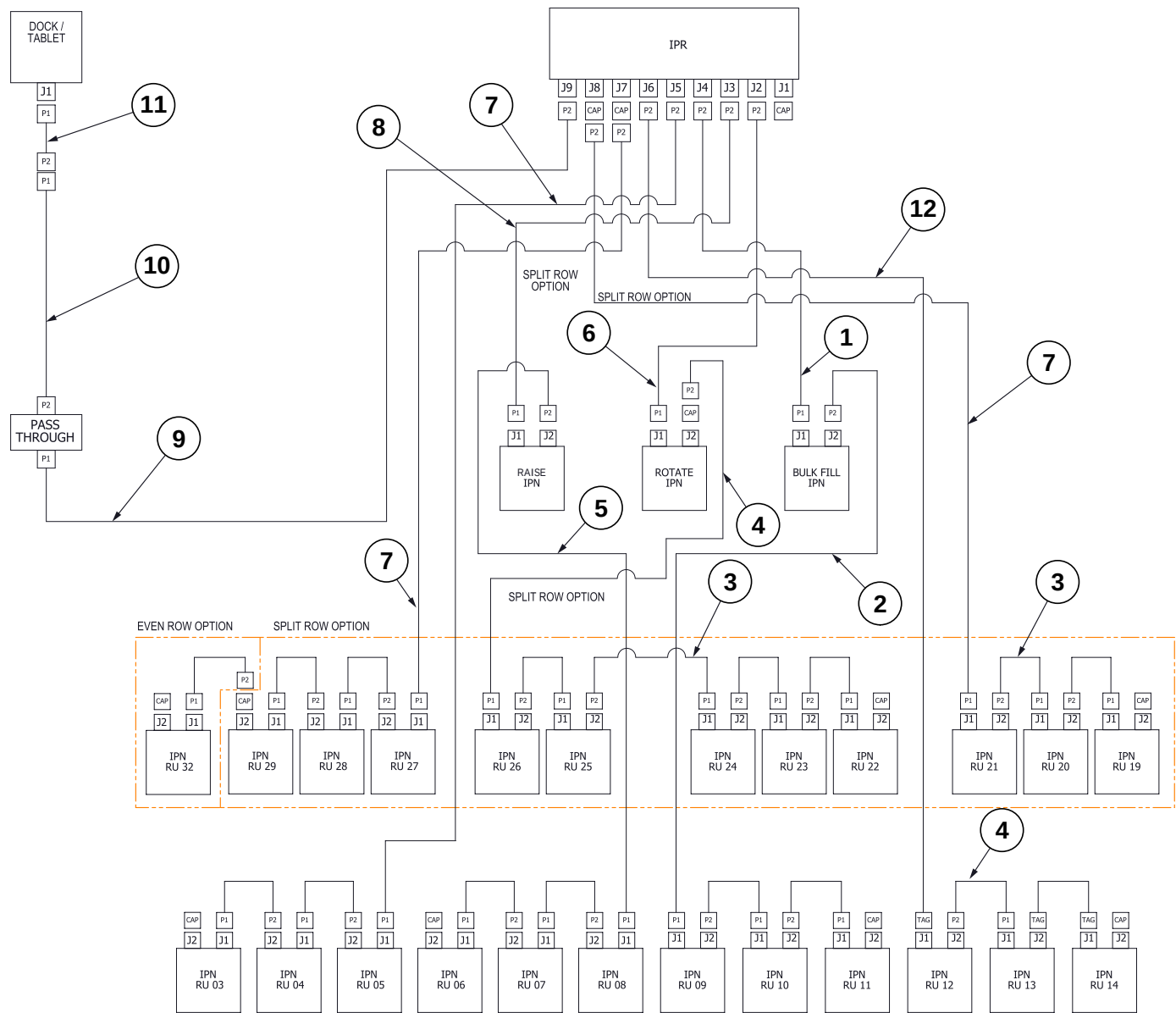
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10213602	-	ESD Ground Strap Harness (True Speed)
2	G10213601	-	ESD Ground Strap Harness (True Speed)
3	G10864201	-	True Speed Push Unit Harness
4	G10358301	-	12V Power Harness
5	G11044901	-	3605 Plug-In Raise Harness
6	G11074801	-	Tractor Power Harness Extension, 10' (Included)
	G11074802	-	Tractor Power Harness Extension, 16' (Optional)
7	GA25031	-	Tractor Console Harness
8	GA25030	-	Tractor Power Harness
9	G10049501	-	Tractor Battery Connection Harness And Fuse Kit
10	GA25170	-	Light Extension Harness (EU)
	G11143801	-	Tail Light Extension Harness 5 PIN (N. America); Tail Light Extension Harness 7 PIN (European)
11	G10316301	-	3605 70CM Tail Lights Harness
12	GA22547	-	Worklight Relay Harness
13	G10269201	-	Camera Power Harness
14	G10864101	-	True Speed Pull Unit Harness
15	G10515001	-	3605 70CM BF PDP Active Hydraulic Weight Transfer Harness
16	G10171901	-	3605 LED Worklight Harness
17	G10150301	-	3605 Raise Harness Adapter
18	G10393101	-	3605 Rotate Plug-In Harness
19	GA26713	-	Integrated True Depth Harness
20	G10286102	-	CAN Stub Harness
21	G10242801	-	Bulk Fill Scale CAN Cable
22	G10864001	-	True Speed Row Unit Harness W/ IPP
23	G10150201	-	3605 Rotate Adapter Harness
24	G10217601	-	3605 12R70CM 24V Row Unit Power Harness
25	G10299201	-	3605 12R70CM 24V Push Unit Power Harness
26	G10851201	-	Fertilizer Module Harness
27	G10698001	-	Fertilizer IPN Power Harness
28	G10887601	-	Liquid Fertilizer Interconnect
29	G10963101	-	Bulk Fill Shutoff Intercept Harness

(104059)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA22555-20	-	Ethernet Cable (M12 RA-M12 STR), 20"
2	GA22556-115	-	Ethernet Cable (M12 RA-M12 RA), 115"
3	GA22556-91	-	Ethernet Cable (M12 RA-M12 RA), 91"
4	GA22556-134	-	Ethernet Cable (M12 RA-M12 RA), 134"
5	GA22556-150	-	Ethernet Cable (M12 RA-M12 RA), 150"
6	GA24488-27	-	Ethernet Cable (M12 RA-M12 STR), 27"
7	GA22555-228	-	Ethernet Cable (M12 RA-M12 STR), 228"
8	GA22555-20	-	Ethernet Cable (M12 RA-M12 STR), 20"
9	GA22554-533	-	Ethernet Cable (M12 STR-M12 STR), 533"
10	GA22554-265	-	Ethernet Cable (M12 STR-M12 STR), 265"
	GA22554-375	-	Ethernet Cable (M12 STR-M12 STR), 375"
11	GA25399-36	-	Ethernet Cable (RJ45-Female M12 STR), 36"
12	GA22555-184	-	Ethernet Cable (M12 RA-M12 RA), 184"

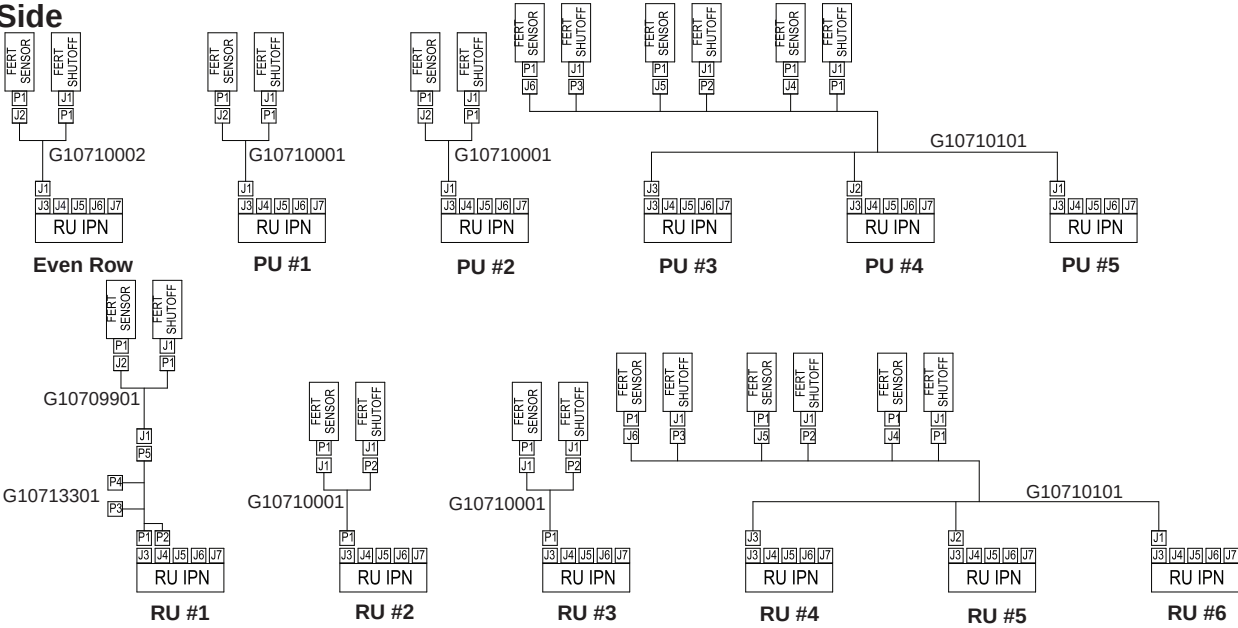
(104059)



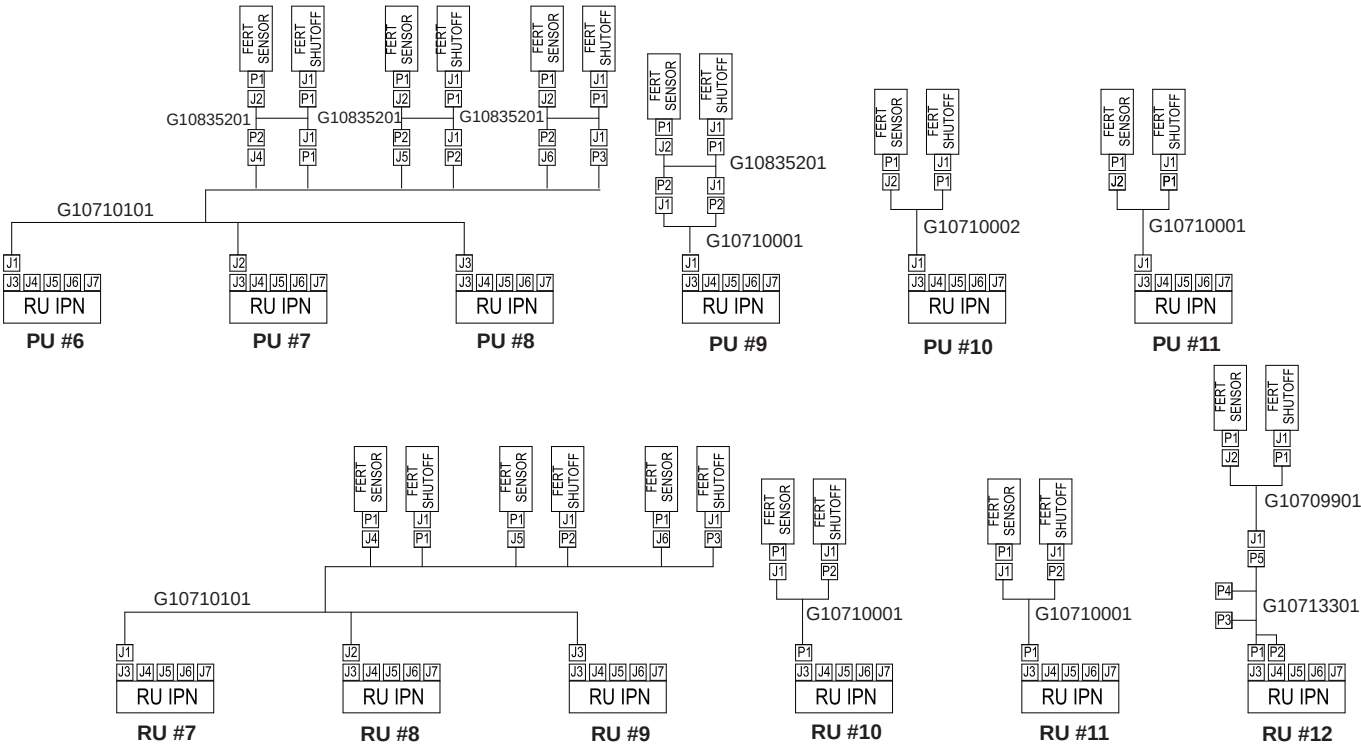
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA22555-20	-	Ethernet Cable (M12 RA-M12 STR), 20"
2	GA22556-115	-	Ethernet Cable (M12 RA-M12 RA), 115"
3	GA22556-91	-	Ethernet Cable (M12 RA-M12 RA), 91"
4	GA22556-134	-	Ethernet Cable (M12 RA-M12 RA), 134"
5	GA22556-150	-	Ethernet Cable (M12 RA-M12 RA), 150"
6	GA24488-27	-	Ethernet Cable (M12 RA-M12 STR), 27"
7	GA22555-228	-	Ethernet Cable (M12 RA-M12 STR), 228"
8	GA22555-20	-	Ethernet Cable (M12 RA-M12 STR), 20"
9	GA22554-424	-	Ethernet Cable (M12 STR-M12 STR), 424"
10	GA22554-265	-	Ethernet Cable (M12 STR-M12 STR), 265"
	GA22554-375	-	Ethernet Cable (M12 STR-M12 STR), 375"
11	GA25399-36	-	Ethernet Cable (RJ45-Female M12 STR), 36"
12	GA22555-184	-	Ethernet Cable (M12 RA-M12 RA), 184"

(107110)

L.H. Side



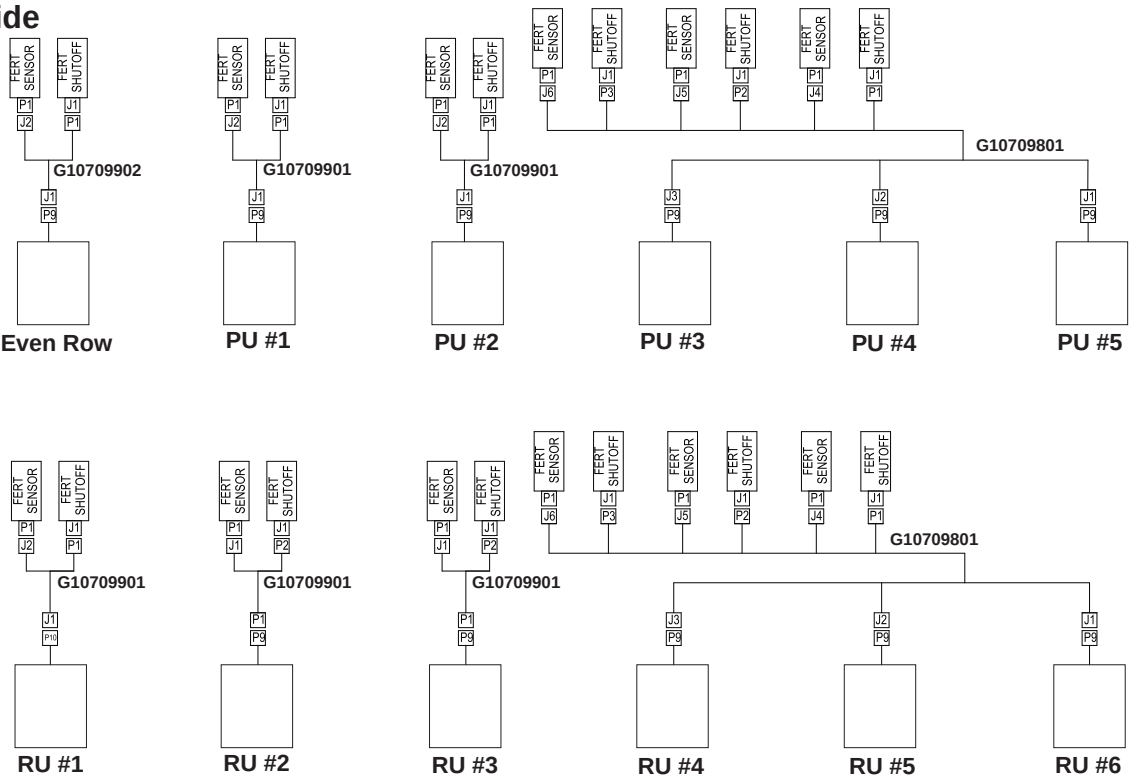
R.H. Side



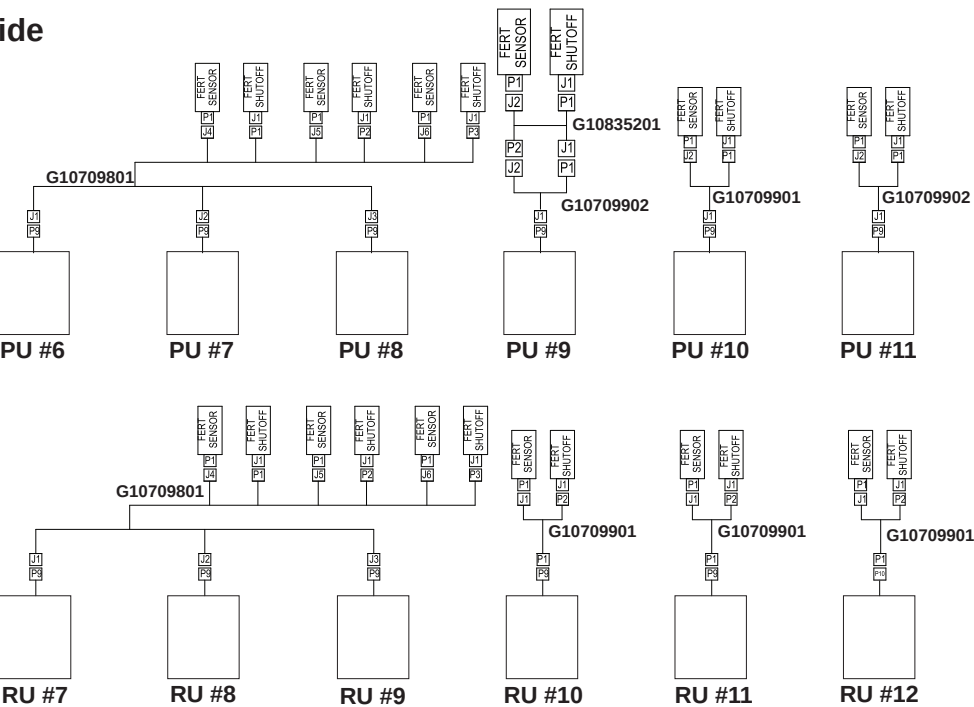
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10710002	-	Fertilizer Flow Extended Harness, True Rate
-	G10710001	-	Fertilizer Flow Harness, True Rate
-	G10713301	-	Wing IPP Harness
-	G10710101	-	Fertilizer Flow Center Harness, True Rate
-	G10835201	-	Fertilizer Flow Harness Extension
-	G10709901	-	Fertilizer Flow Harness, True Speed

(107110)

L.H. Side



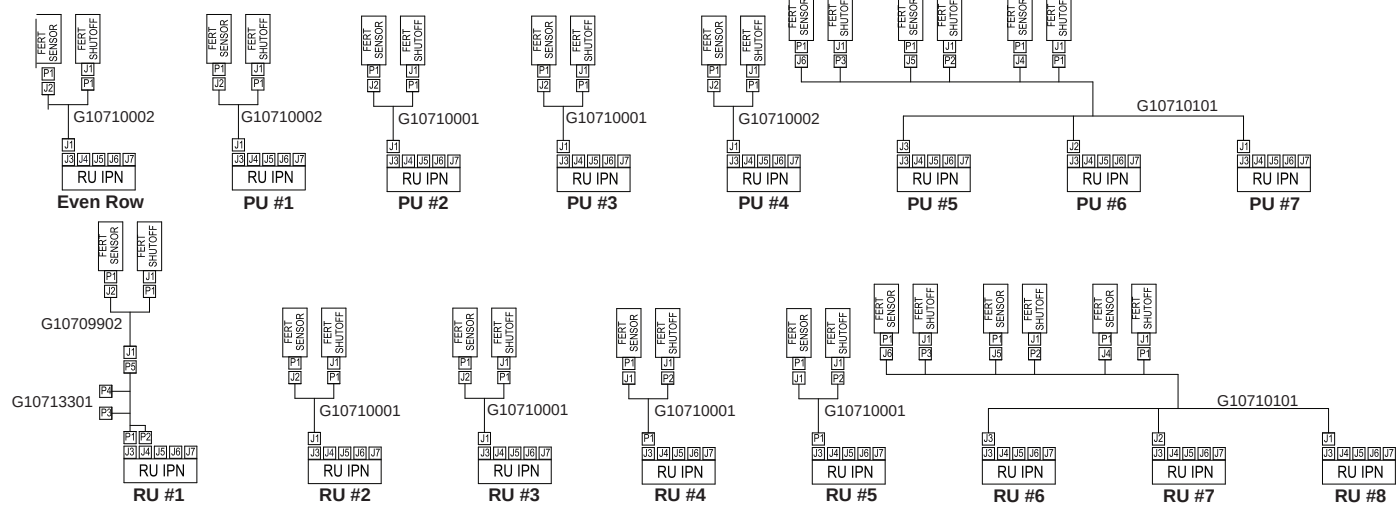
R.H. Side



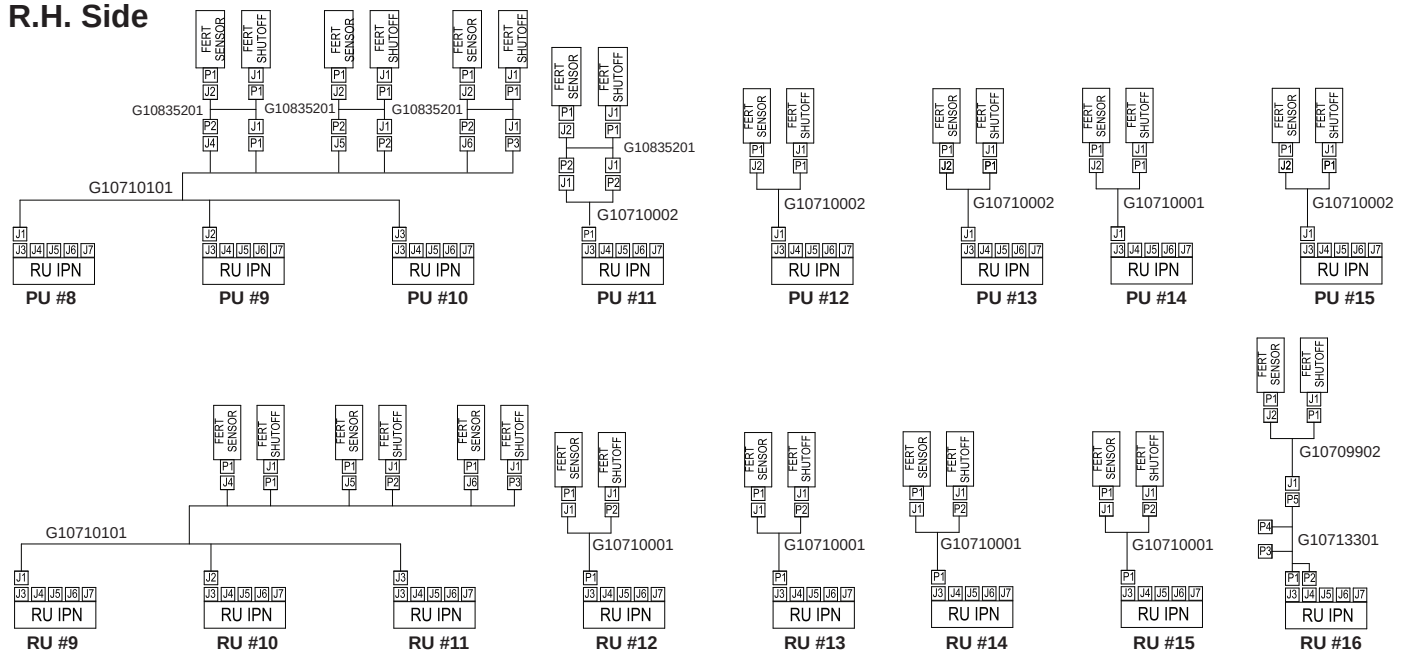
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10709901	-	Fertilizer Flow Harness, True Speed
-	G10709902	-	Fertilizer Flow Extended Harness, True Speed
-	G10709801	-	Fertilizer Flow Center Harness, True Speed
-	G10835201	-	Fertilizer Flow Harness Extension

(107109)

L.H. Side



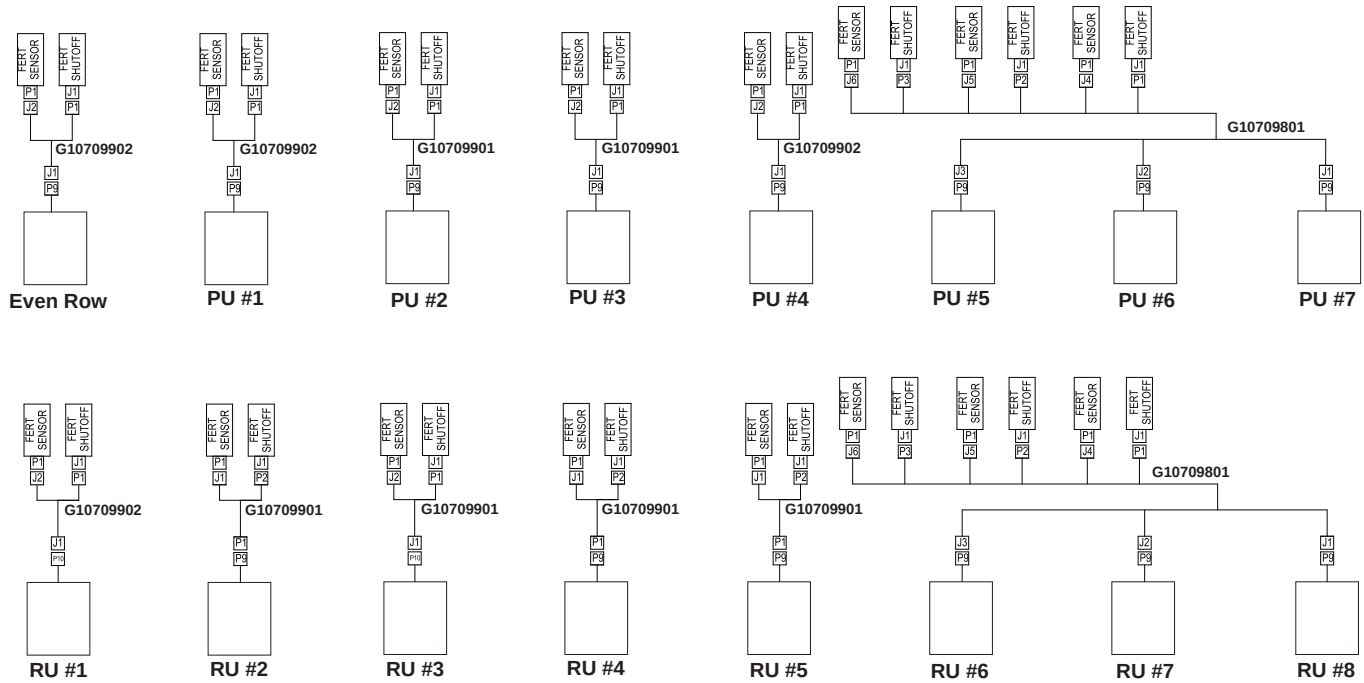
R.H. Side



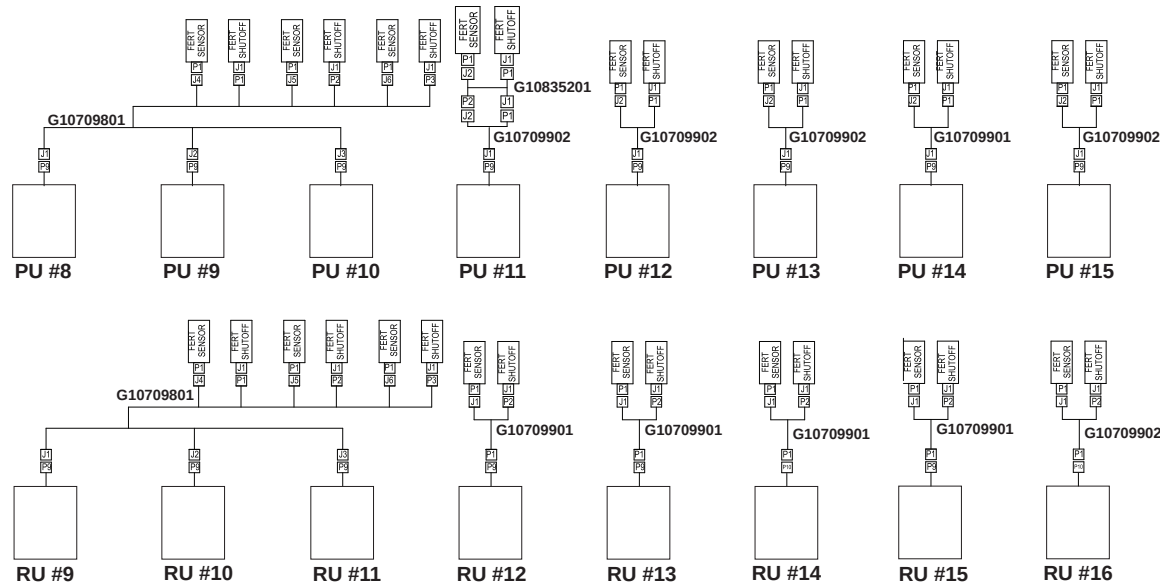
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10710002	-	Fertilizer Flow Extended Harness, True Rate
-	G10710001	-	Fertilizer Flow Harness, True Rate
-	G10713301	-	Wing IPP Harness
-	G10710101	-	Fertilizer Flow Center Harness, True Rate
-	G10835201	-	Fertilizer Flow Harness Extension
-	G10709902	-	Fertilizer Flow Extended Harness, True Speed

(107109)

L.H. Side

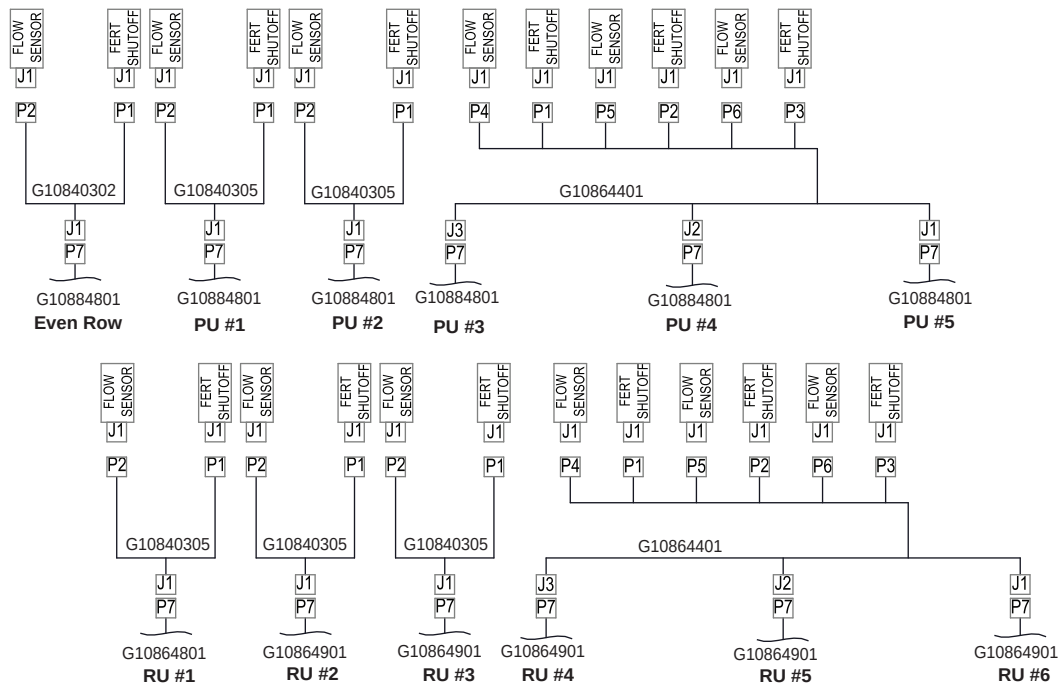
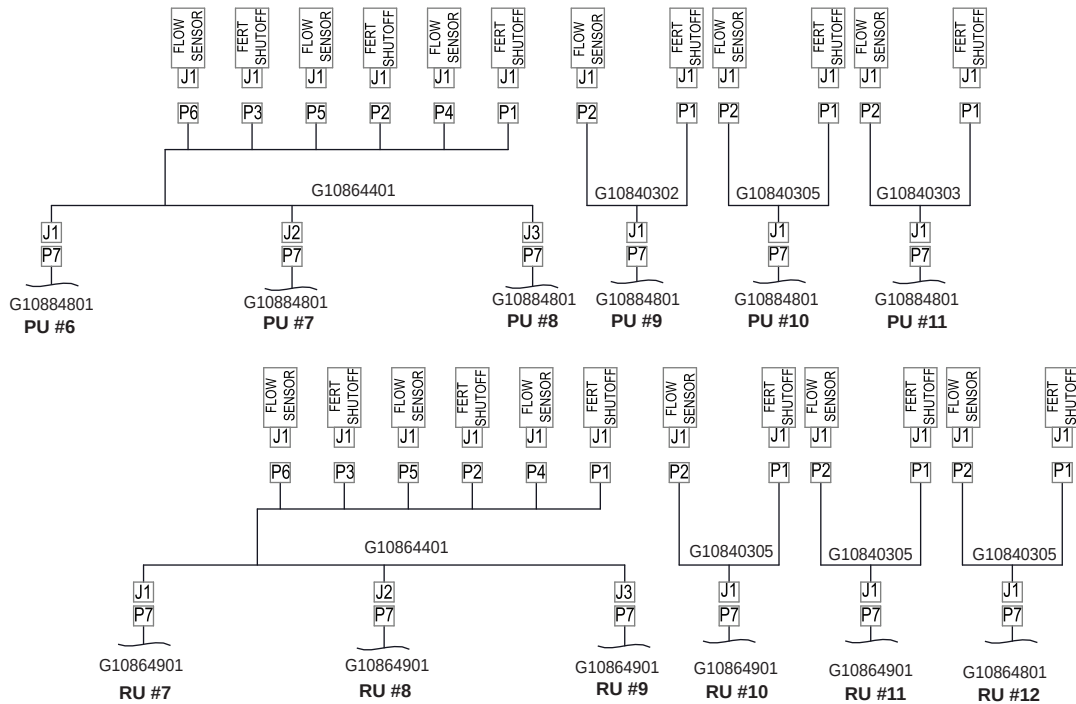


R.H. Side



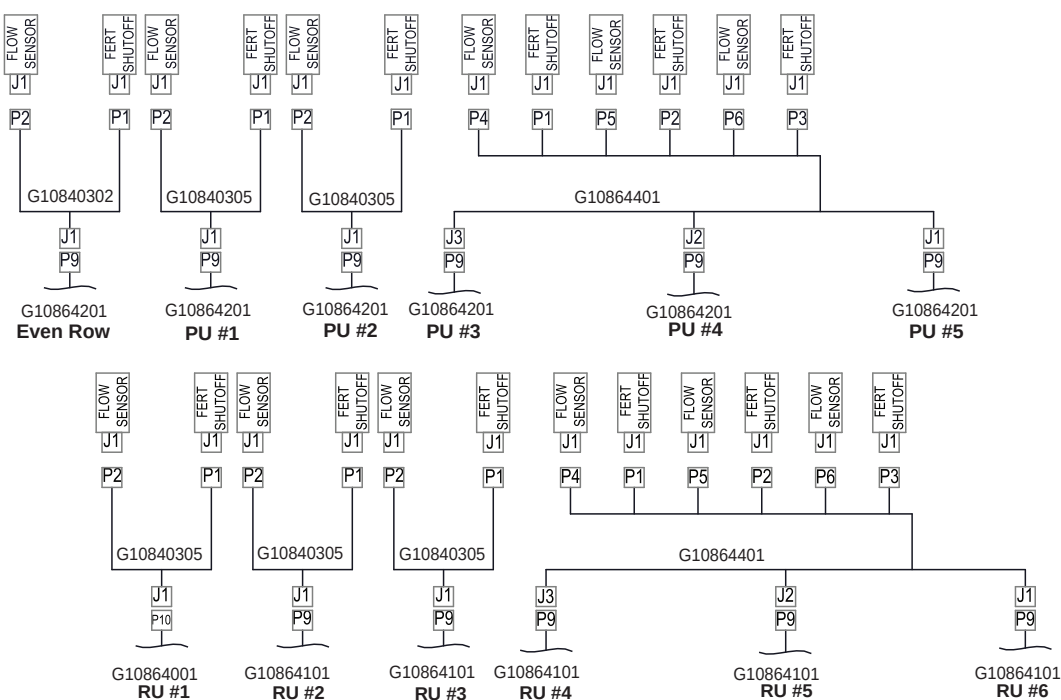
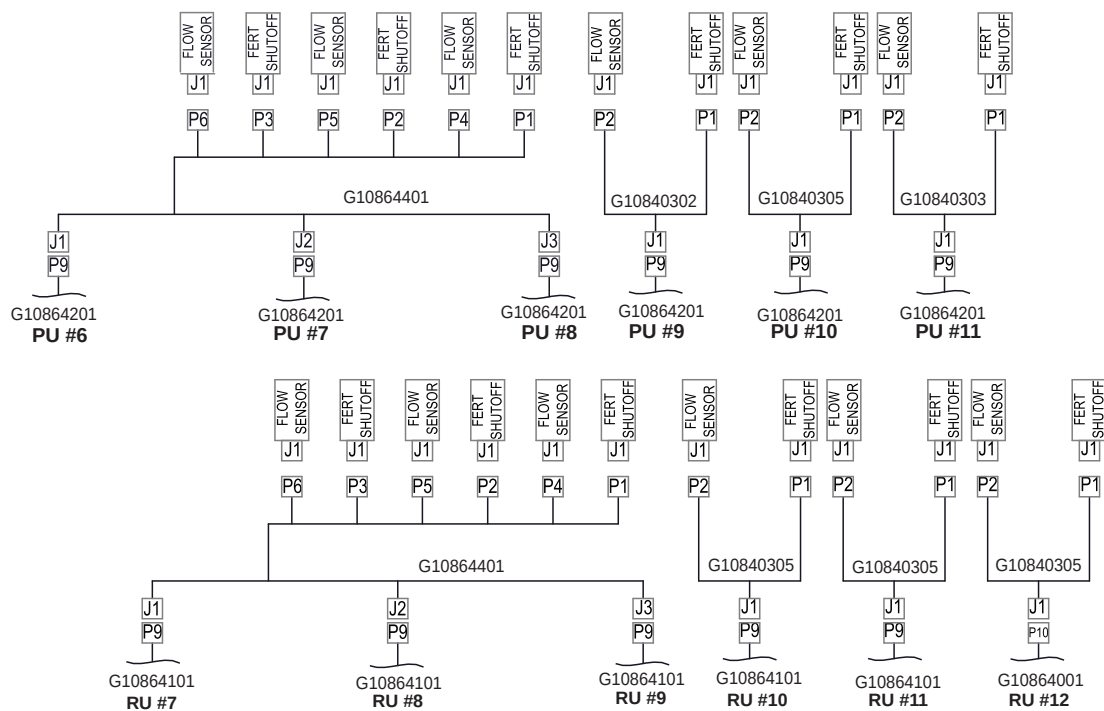
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10709901	-	Fertilizer Flow Harness, True Speed
-	G10709902	-	Fertilizer Flow Extended Harness, True Speed
-	G10709801	-	Fertilizer Flow Center Harness, True Speed
-	G10835201	-	Fertilizer Flow Harness Extension

(108877)

L.H. Side**R.H. Side**

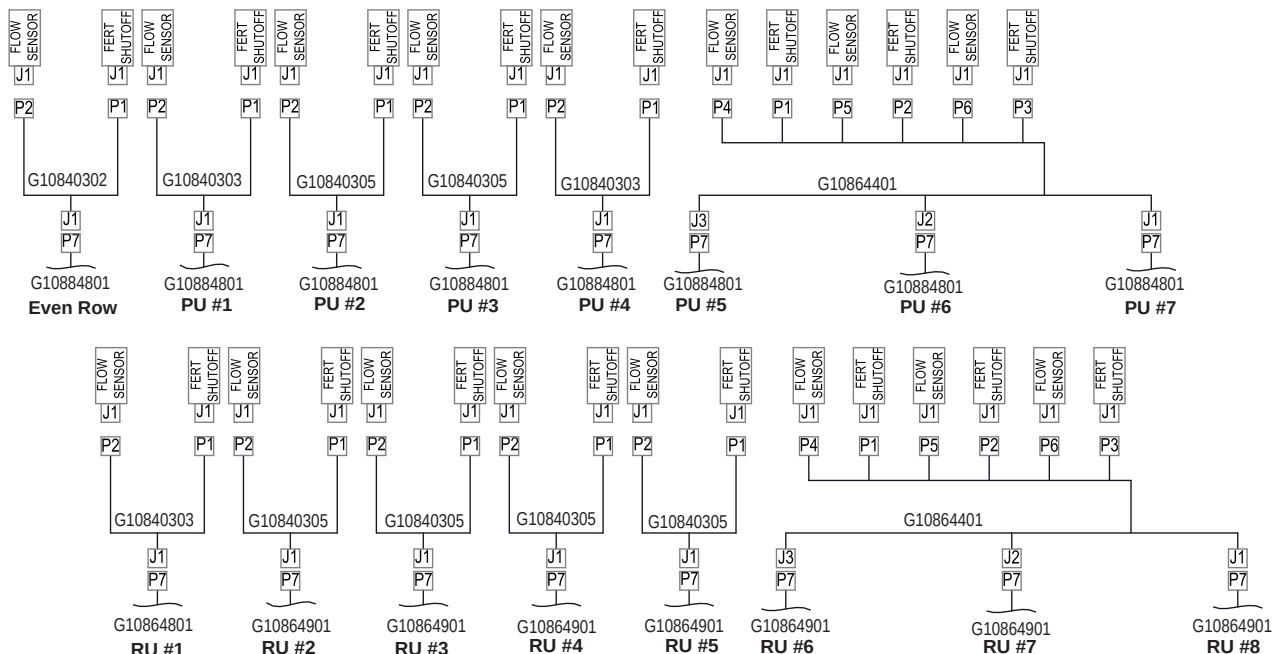
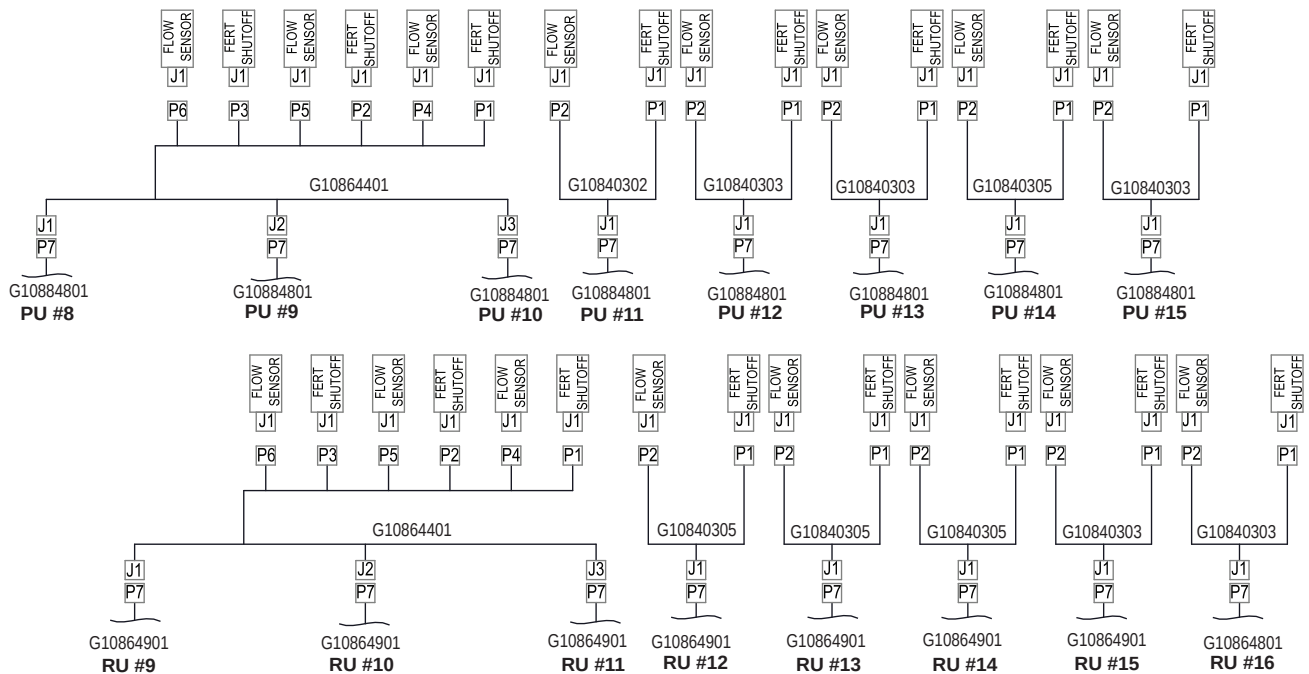
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10840302	-	Fertilizer Row Unit Extension Harness, 114"
-	G10840305	-	Fertilizer Row Unit Extension Harness, 35"
-	G10864401	-	Fertilizer Flow Center Harness
-	G10840303	-	Fertilizer Row Unit Extension Harness, 66"
-	G10884801	-	Row Unit Seed Meter Harness
-	G10864801	-	Row Unit Seed Meter Harness W/ IPP
-	G10864901	-	Row Unit Seed Meter Harness

(108877)

L.H. Side**R.H. Side**

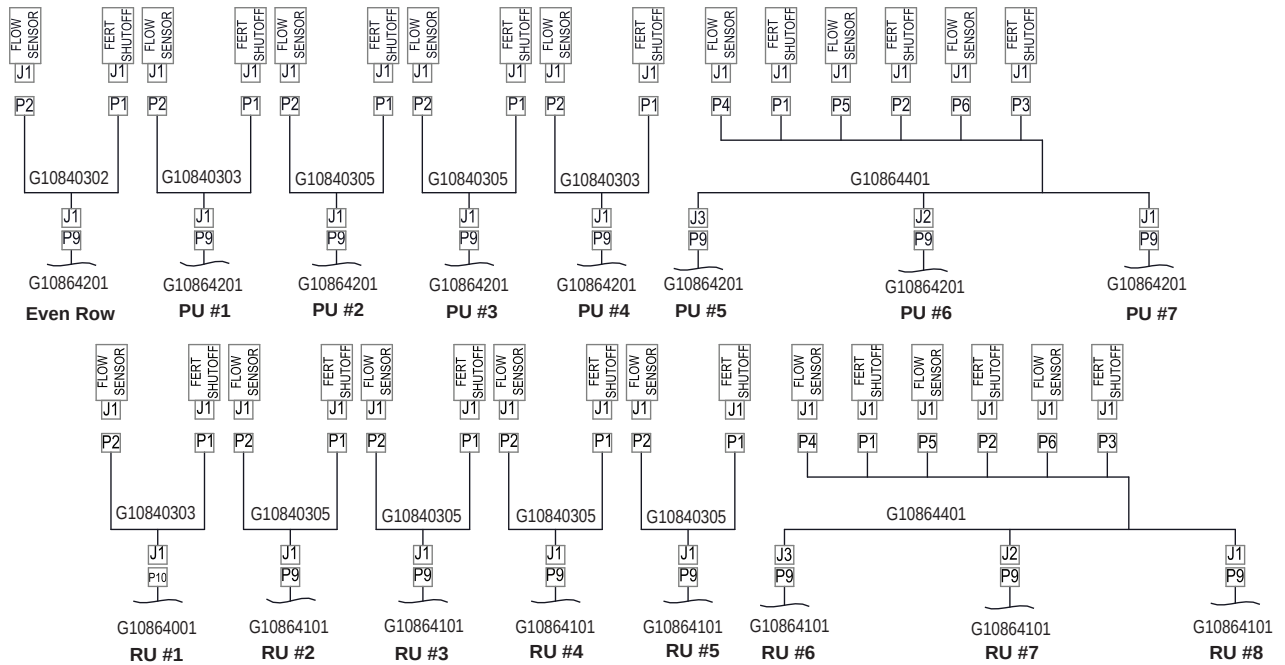
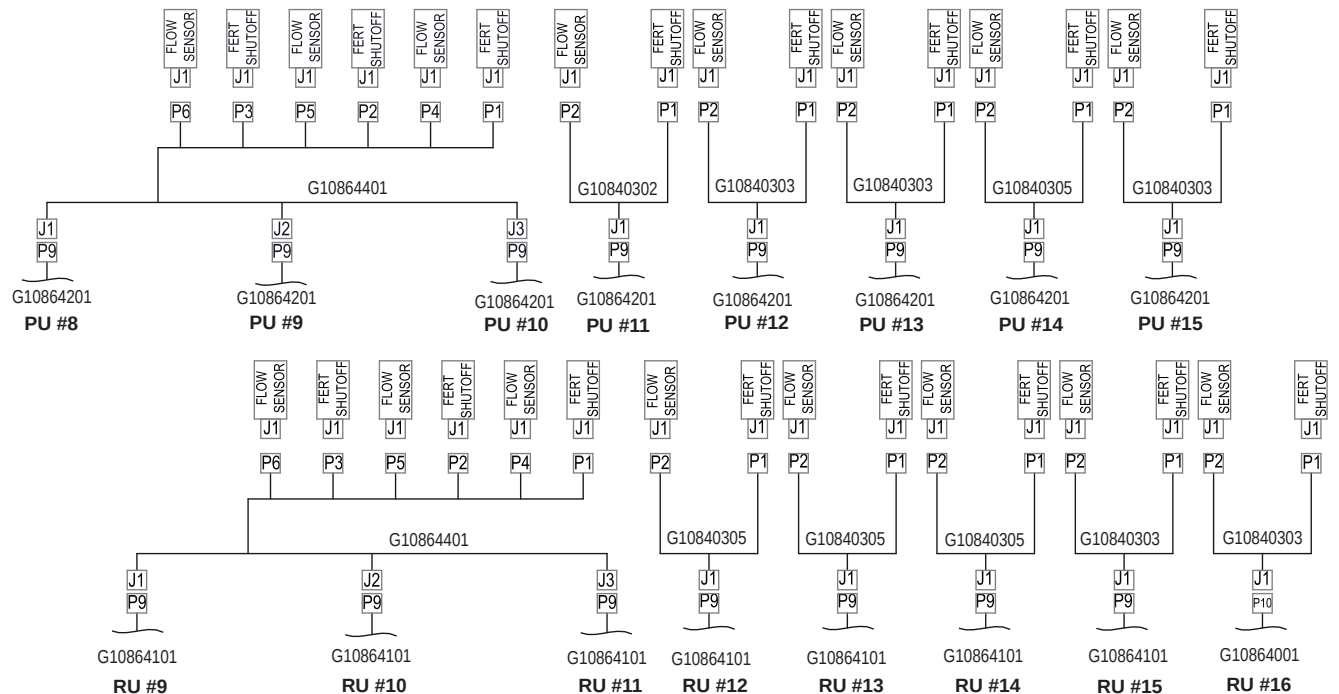
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10840302	-	Fertilizer Row Unit Extension Harness, 114"
-	G10840305	-	Fertilizer Row Unit Extension Harness, 35"
-	G10864401	-	Fertilizer Flow Center Harness
-	G10840303	-	Fertilizer Row Unit Extension Harness, 66"
-	G10864201	-	True Speed Push Unit Harness
-	G10864001	-	True Speed Row Unit Harness W/ IPP
-	G10864101	-	True Speed Pull Unit Harness

(108876)

L.H. Side**R.H. Side**

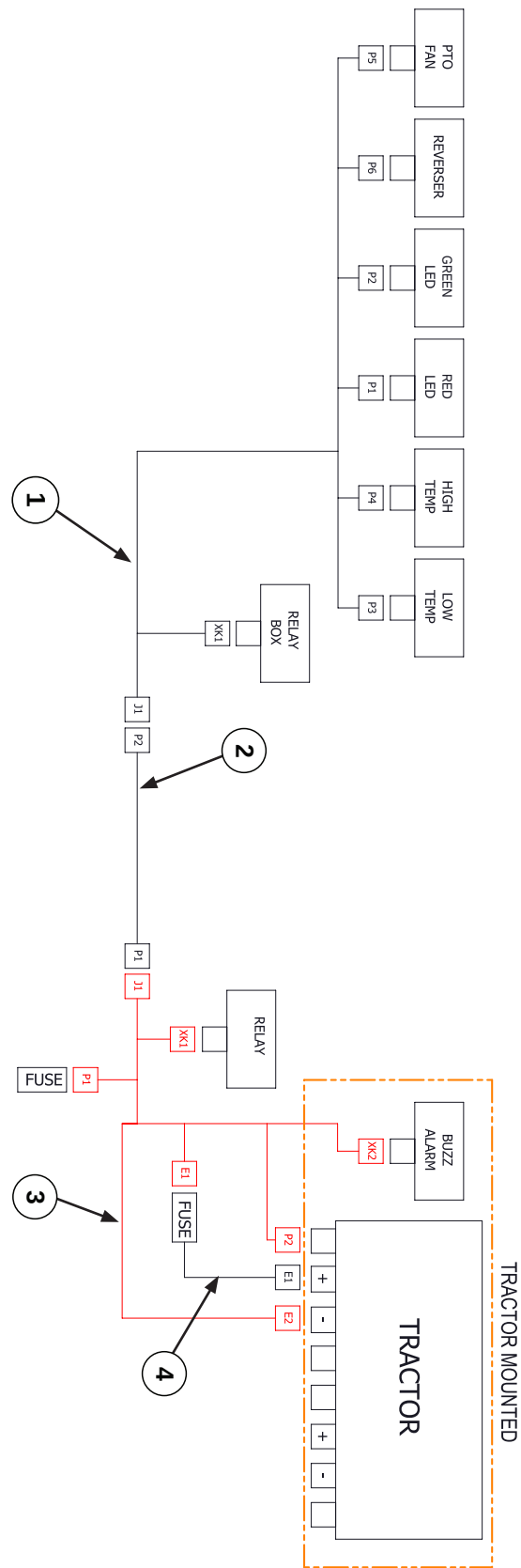
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10840302	-	Fertilizer Row Unit Extension Harness, 114"
-	G10840303	-	Fertilizer Row Unit Extension Harness, 66"
-	G10840305	-	Fertilizer Row Unit Extension Harness, 35"
-	G10864401	-	Fertilizer Flow Center Harness
-	G10884801	-	Row Unit Seed Meter Harness
-	G10864801	-	Row Unit Seed Meter Harness W/ IPP
-	G10864901	-	Row Unit Seed Meter Harness

(108876)

L.H. Side**R.H. Side**

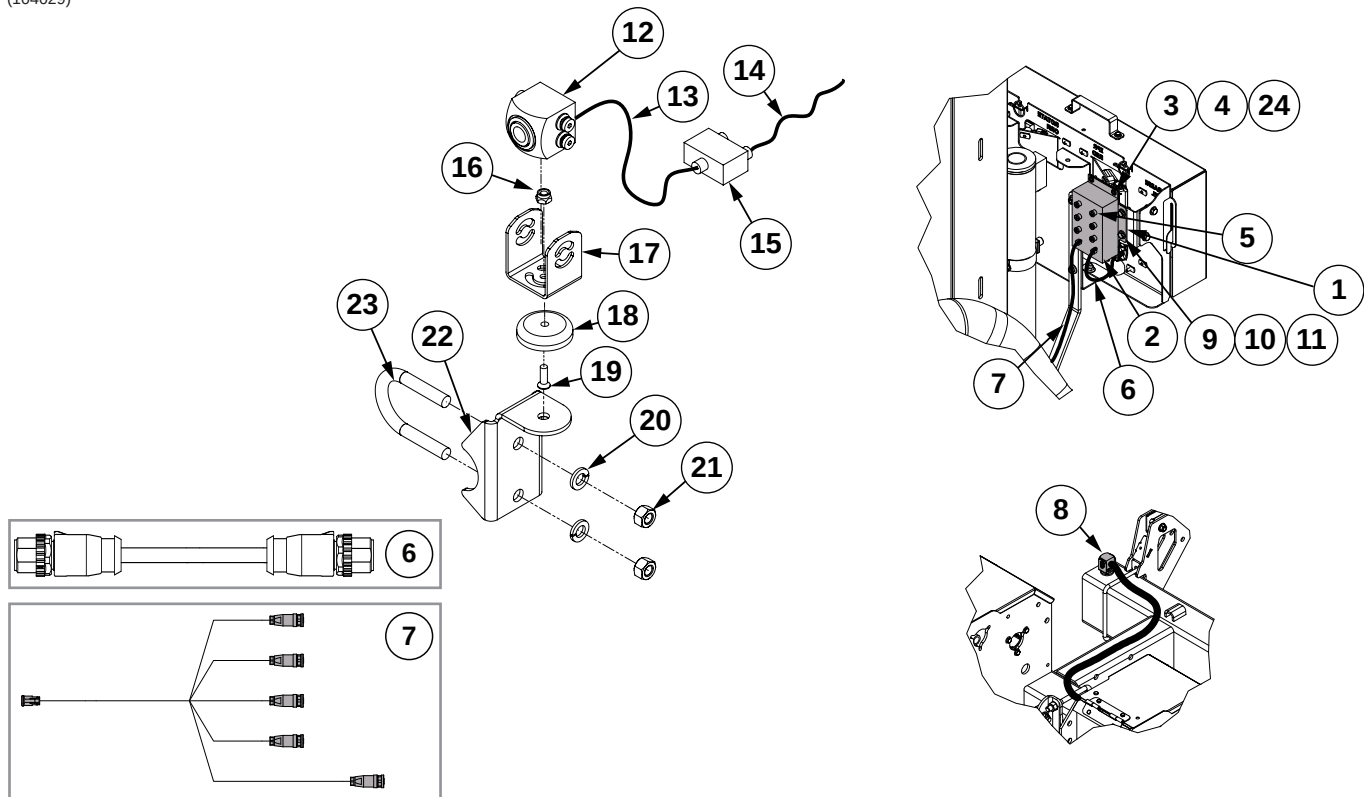
ITEM	PART NO.	QTY.	DESCRIPTION
-	G10840302	-	Fertilizer Row Unit Extension Harness, 114"
-	G10840303	-	Fertilizer Row Unit Extension Harness, 66"
-	G10840305	-	Fertilizer Row Unit Extension Harness, 35"
-	G10864401	-	Fertilizer Flow Center Harness
-	G10864201	-	True Speed Push Unit Harness
-	G10864001	-	True Speed Row Unit Harness W/ IPP
-	G10864101	-	True Speed Pull Unit Harness

(104948)



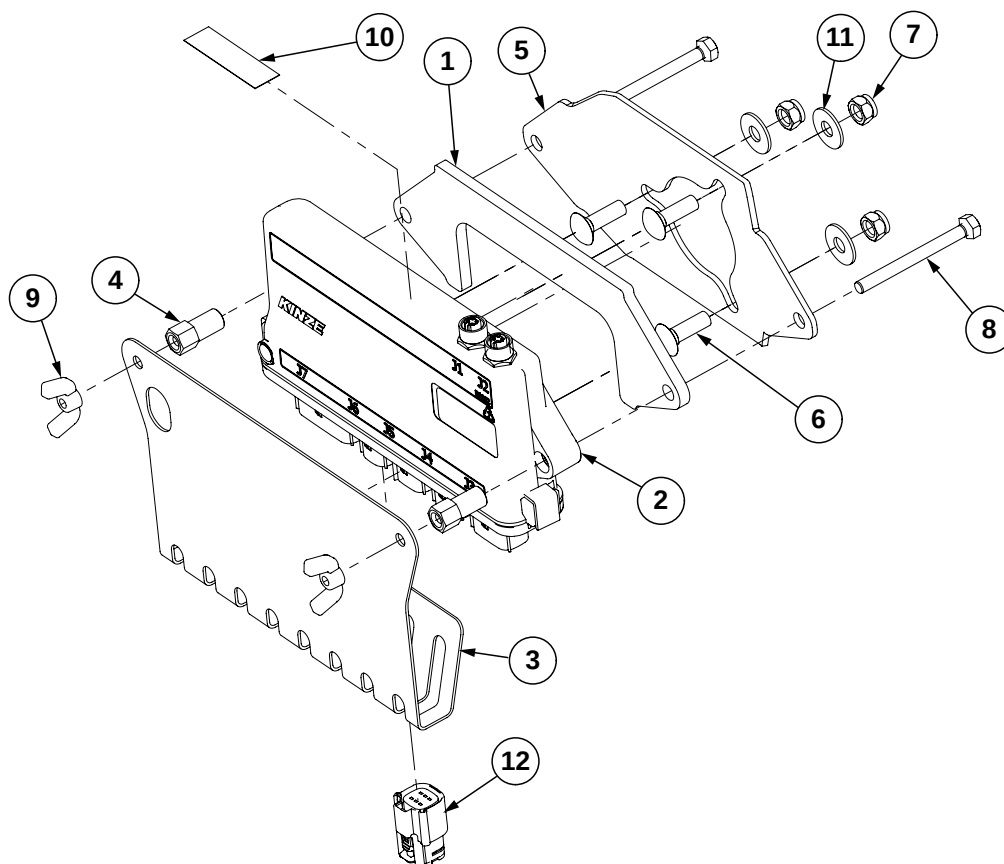
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10649801	-	PTO Harness
2	G10060901	-	Tractor Power 10' Extension Harness (Optional)
3	G10724901	-	PTO Tractor Power Harness
4	G10049501	-	Tractor Battery Connection Harness And Fuse Kit

(104029)

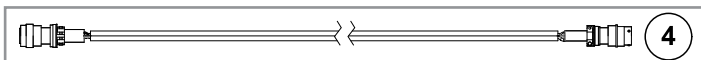
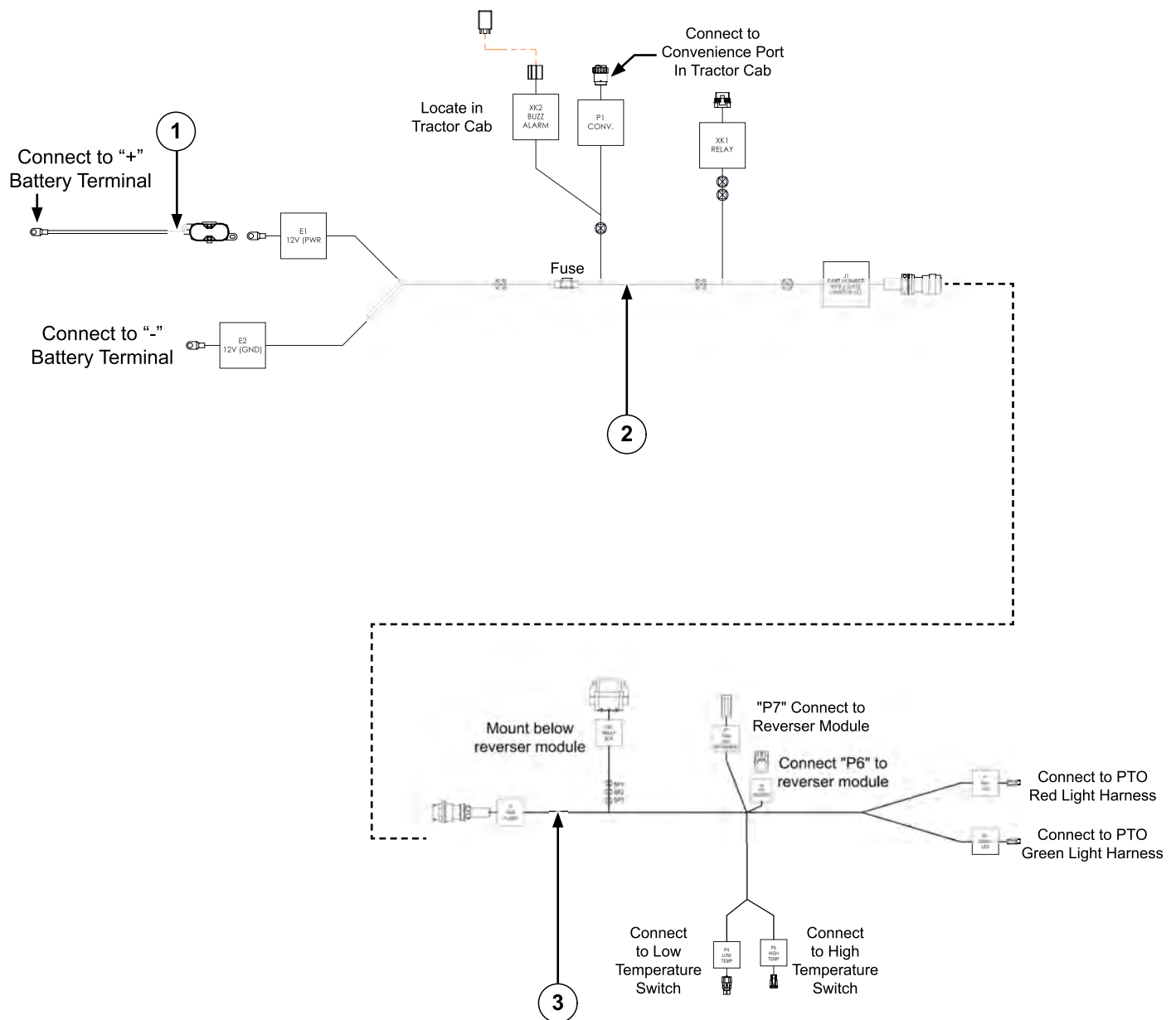


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10374301	1	Ethernet Switch Bracket
2	G10375201	1	Ethernet Switch
3	G11341	4	Phillips Pan Head Machine Screw, No. 12-24 x 5/8", Stainless Steel
4	G11383	4	Flat Washer, #12
5	GD30726	9	Socket Dust Cover, M12
6	GA22554-36	1	Ethernet Cable (M12 STR-M12 STR), 36"
7	G10269201	1	Camera Power Harness
8	G10375003	1	Camera Package Assembly (Items 12-15)
9	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
10	G11387	2	Flat Washer, 3/8" SAE
11	G11091	2	Serrated Flange Nut, 3/8"-16
12	10327501	1	Camera (Not available as a spare part, order G10327701)
13	GA22554-120	1	Ethernet Cable (M12 STR-M12 STR), 120"
14	GA22554-20	1	Ethernet Cable (M12 STR-M12 STR), 20"
15	G10375101	1	Ethernet Power Injector
16	G11616	1	Hex Nylon Lock Nut, No. 10-24, Grade 2
17	G10327301	1	Camera Bracket
18	G10327601	1	Camera Magnet
19	G11068	1	Phillips Flat Head Machine Screw, No. 10-24 x 5/8", Stainless Steel
20	G10229	2	Lock Washer, 3/8"
21	G10101	2	Hex Nut, 3/8"-16
22	GD26989	1	Work Light Bracket
23	GD27190	1	U-Bolt, 1-1/2" x 3/8"-16
24	G10375601	1	Hex Nut, #12-24
A	G10327701	-	Camera Assembly (Items 12, 16-19)

(106956)



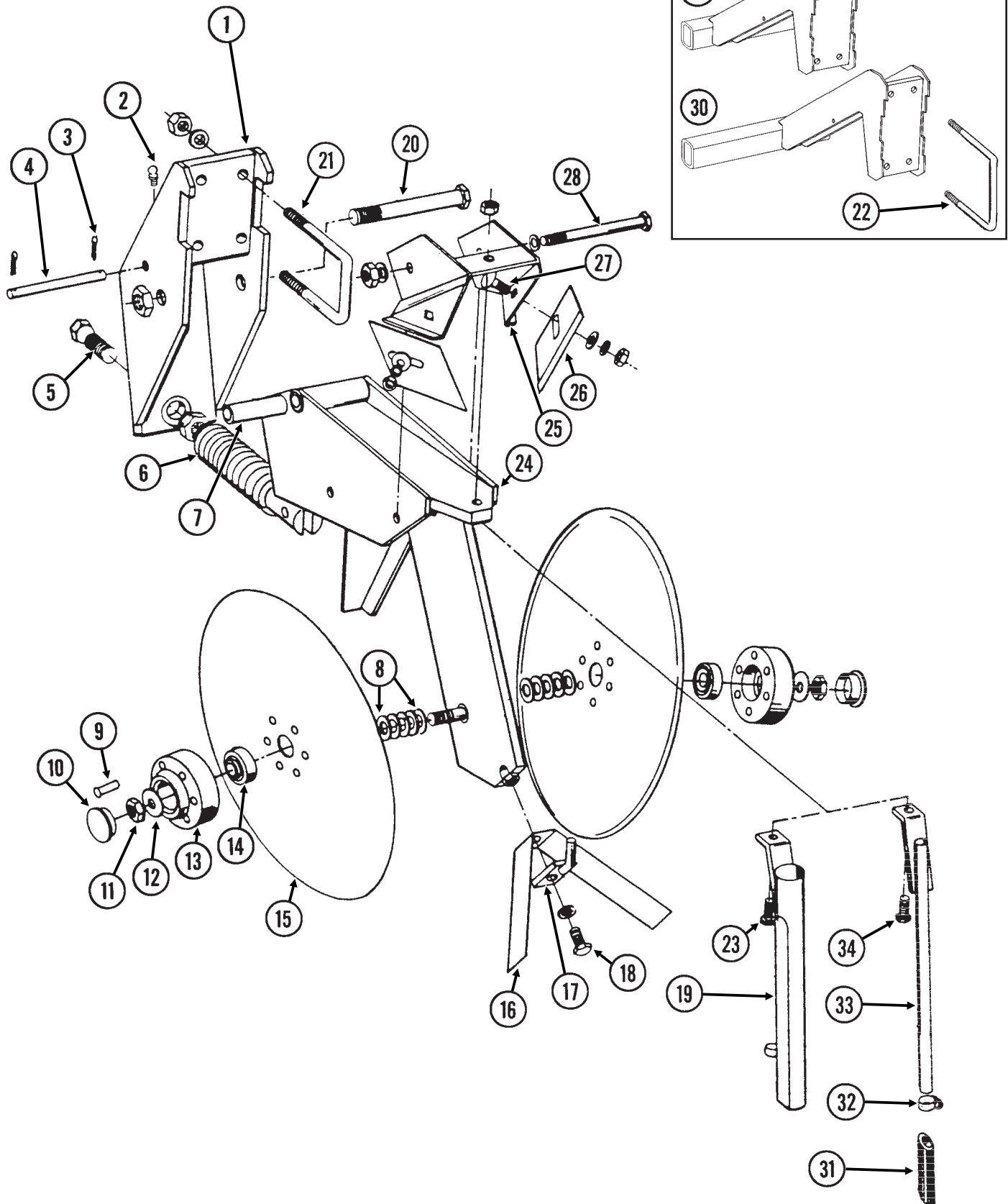
ITEM	PART NO.	QTY.	DESCRIPTION
1	GD35629	1	IPN Row Unit Plate
2	GA25949	1	IPN Module Assembly
3	GD35626	1	IPN Wire Shield
4	GD35609	2	Hex Standoff
5	G10695701	1	IPN Cover Plate
6	G10303	3	Carriage Bolt, 5/16"-18 x 1"
7	G10109	3	Lock Nut, 5/16"-18, Grade 8
8	G11958	2	Hex Head Cap Screw, 1/4"-20 x 2-1/2", Grade 5
9	G10531	2	Machine Bushing, 2-1/4" x 1-17/32", 12 Gauge (.1046")
10	G10371001	1	Decal, IPN/IPR Connector
11	G10219	3	Washer, 5/16" USS
12	GD35837	1	Sealed Plug, MX150, 2 x 3, Key A W/CPA



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)

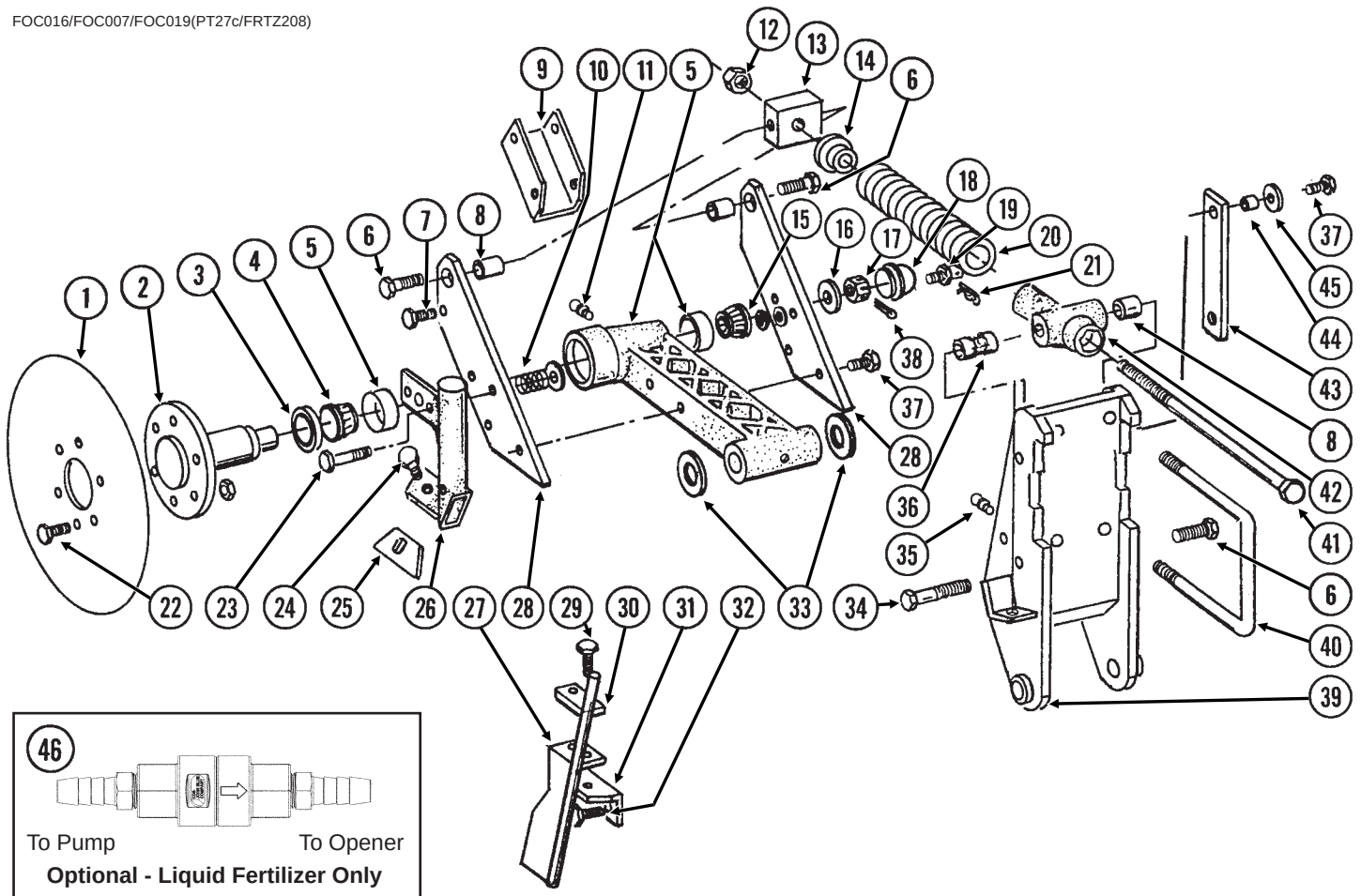
This page left blank intentionally.

FOC007(PT25e/TWL34a/FRTZ208)



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA8483	1	Bracket
2	G10640	1	Grease Fitting, 1/4"-28
3	G10456	2	Cotter Pin, 1/8" x 3/4"
4	GD1657	1	Lockup Pin
5	GD0962	1	Hex Head Adjusting Bolt, 5/8"-18 x 3 1/4"
	G10499	1	Hex Jam Nut, 5/8"-18, Grade 2
6	GA0328	1	Spring
7	GD0487	1	Bushing, 4 1/4" I.D. x 3 1/2" Long
8	GD30725	14	Machine Bushing, 5/8" (.030" Thick)
9	G10542	12	Rivet, 1/4" x 1 5/16"
10	GD1132	2	Dust Cap
11	G10503	1	Hex Jam Nut, 5/8"-11, Grade 2
	G10504	1	Hex Jam Nut, 5/8"-11, L.H. Threads, Grade 2
12	G10204	2	Special Machine Bushing, 5/8" x 1" O.D.
13	GB0134	2	Hub
14	GA2014	2	Bearing
15	GD11306	2	Disc Blade, 3.5 mm x 15"
16	GD2589	1	Inner Scraper
17	GA0312	1	Mount
18	G10019	1	Hex Head Cap Screw, 5/16"-18 x 1"
	G10232	1	Lock Washer, 5/16"
19	GA1369	-	Drop Tube, Dry Fertilizer
20	G10046	1	Hex Head Cap Screw, 5/8"-11 x 5"
	G10107	1	Lock Nut, 5/8"-11
21	GD1138	2	U-Bolt, 2 1/2" x 2 1/2" x 1/2"-13
	G11389	4	Flat Washer, 1/2" Plated SAE
	G10111	4	Lock Nut, 1/2"-13
22	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
23	G10133	1	Hex Head Cap Screw, 5/16"-18 x 1 1/2"
	G11386	1	Flat Washer, 5/16" SAE
	G10109	1	Lock Nut, 5/16"-18, Grade 8
24	GA9195	1	Shank
25	GA0810	1	Scraper Mount
26	GD1673	2	Scraper
27	G10305	2	Carriage Bolt, 3/8"-16 x 1"
	G11387	2	Flat Washer, 3/8" SAE
	G10229	2	Lock Washer, 3/8"
	G10101	2	Hex Nut, 3/8"-16
28	G10045	1	Hex Head Cap Screw, 1/2"-13 x 4 1/2"
	G10111	1	Lock Nut, 1/2"-13
29	GA9820	1	Opener Mount
30	GA9819	1	Opener Mount
31	GD11705	-	Extension
32	G10681	-	Hose Clamp, No. 6
33	GA8685	-	Drop Tube, Liquid Fertilizer
34	G10133	1	Hex Head Cap Screw, 5/16"-18 x 1 1/2"
	G11386	1	Flat Washer, 5/16" SAE
	G10109	1	Lock Nut, 5/16"-18, Grade 8
A	GA8845	-	Disc Blade And Bearing Assembly (Items 9 And 13-15)

FOC016/FOC007/FOC019(PT27c/FRTZ208)

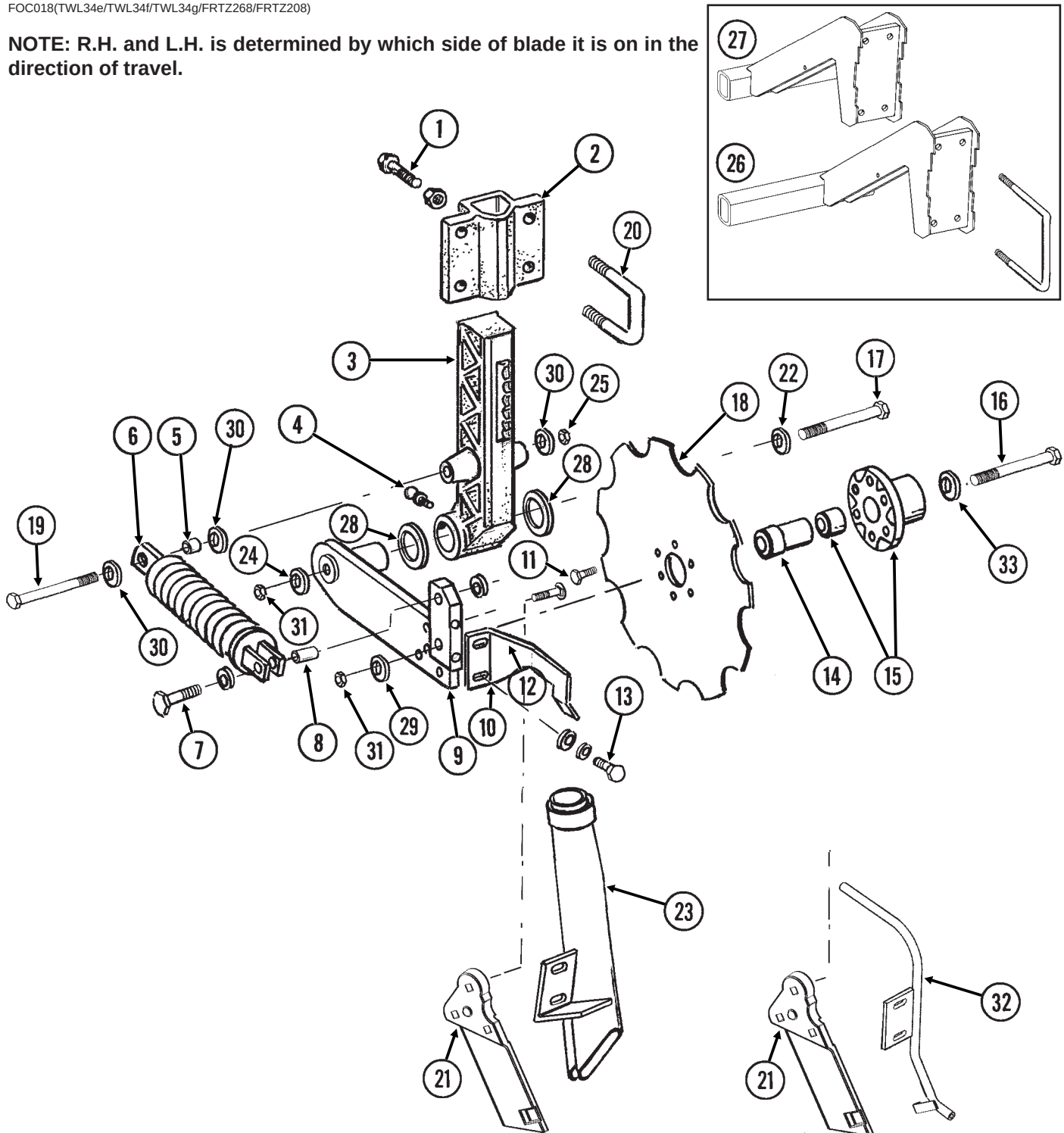


ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GD7900	1	Disc Blade, 18"
	GD8247	-	Disc Blade, 20" (Optional)
2	GB0205	1	Spindle
3	GA4286	1	Seal
4	GA4287	1	Bearing
5	GA5887	1	Arm W/Cups And Washers
	GD6553	-	Inner Cup (Included W/GA5887)
	GR0188	-	Outer Cup (Included W/GA5887)
	G11391	3	Flat Washer, 5/8" SAE
6	G10007	3	Hex Head Cap Screw, 5/8"-11 x 1 1/2"
7	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
	G10108	2	Lock Nut, 3/8"-16
8	GB0218	3	Bushing, 2 1/32" I.D. x 7/8" O.D. x 1 9/32" Long
9	GD8238	1	Channel
10	GD7962	2	Spring
11	G10641	2	Grease Fitting, 1/8" NPT
12	G10105	3	Hex Nut, 3/4"-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
	GA15415	1	Check Valve
	G11436	2	Hose Barb, 1/4" Male NPT To 3/8" Barb

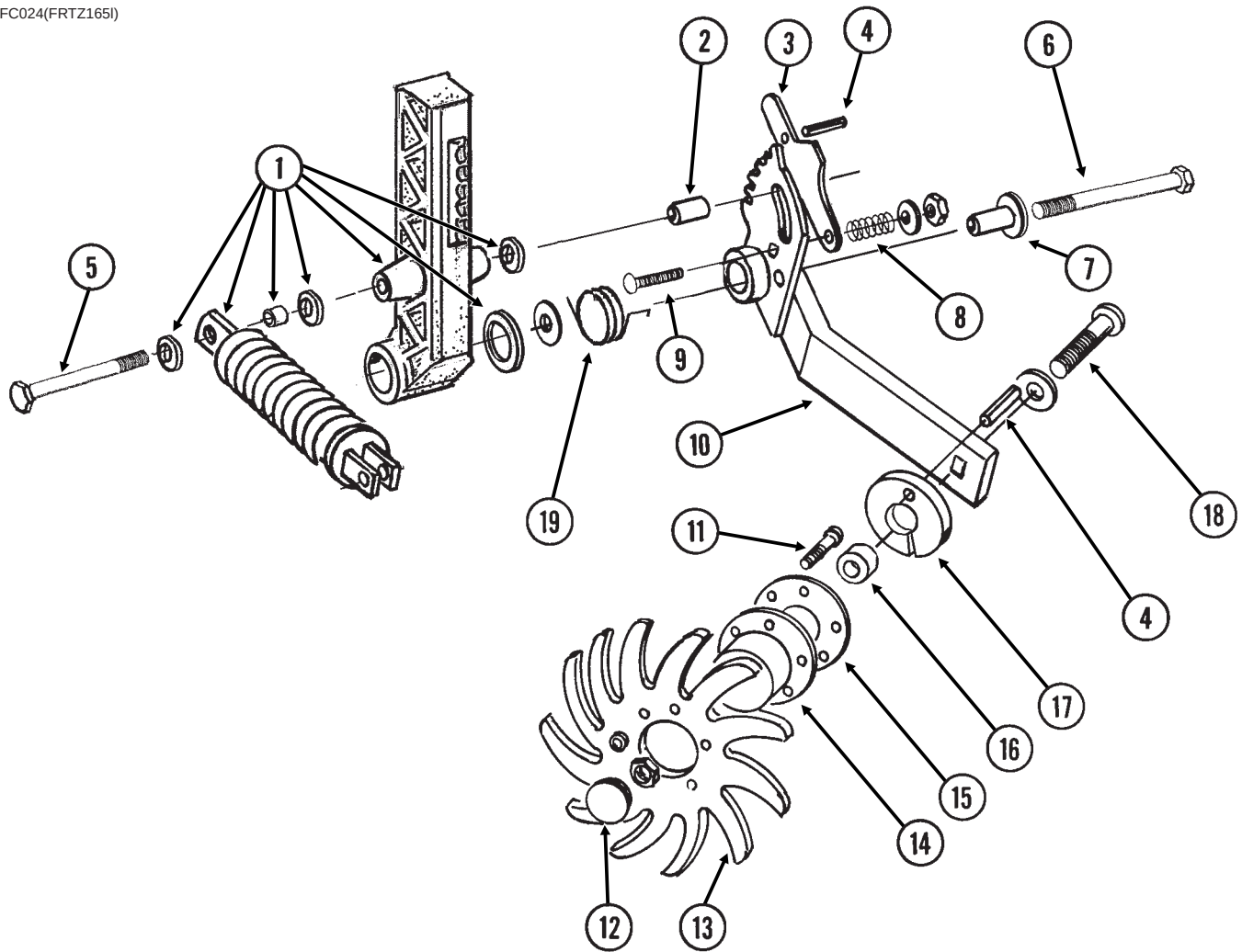
FOC018(TWL34e/TWL34f/TWL34g/FRTZ268/FRTZ208)

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



ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	G10017	3	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
	G10102	3	Hex Nut, 1/2"-13
2	GB0400	1	Mount, R.H.
	GB0405		Mount, L.H. (Shown)
3	GB0296	1	Arm, 13 1/2"
4	G10640	1	Grease Fitting, 1/4"-28
5	GD12685	1	Bushing, 3/4" O.D. x 1/2" Long
6	GA6966	1	Compression Spring Assembly
7	G10047	1	Hex Head Cap Screw, 3/8"-16 x 1 3/4"
	G11387	2	Flat Washer, 3/8" SAE
	G10108	1	Lock Nut, 3/8"-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, 3/8"-16 x 3/4"
12	G10306	3	Carriage Bolt, 3/8"-16 x 2"
	G10108	3	Lock Nut, 3/8"-16
13	G10991	2	Hex Head Cap Screw, 5/16"-18 x 7/8"
	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
16	G10011	1	Hex Head Cap Screw, 5/8"-11 x 5 1/2"
17	G10046	1	Hex Head Cap Screw, 5/8"-11 x 5"
18	GD12676	1	Disc Blade, Notched, 16 3/4"
19	G10871	1	Hex Head Cap Screw, 1/2"-13 x 6"
20	GD13287	2	U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13
	G11389	4	Flat Washer, 1/2" Plated SAE
	G10111	4	Lock Nut, 1/2"-13
21	GB0323	1	Knife, L.H. (Shown)
	GB0322	-	Knife, R.H.
22	G10217	-	Washer, 5/8" USS
23	GA10047	1	Drop Tube, L.H., Dry Fertilizer
	GA10048	-	Drop Tube, R.H., Dry Fertilizer (Shown)
24	G11391	-	Flat Washer, 5/8" SAE
25	G10111	-	Lock Nut, 1/2"-13
26	GA9819	1	Opener Mount
	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
27	GA9820	1	Opener Mount
	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
28	G10450	-	Machine Bushing, 1 1/2", 18 Gauge (As Required)
29	GD12677	1	Washer, 1 1/2" O.D., 7 Gauge, Hardened
30	G11389	-	Flat Washer, 1/2" Plated SAE
31	G10107	-	Lock Nut, 5/8"-11
32	GA11397	1	Drop Tube, L.H., Liquid Fertilizer
	GA11398	-	Drop Tube, R.H., Liquid Fertilizer (Shown)

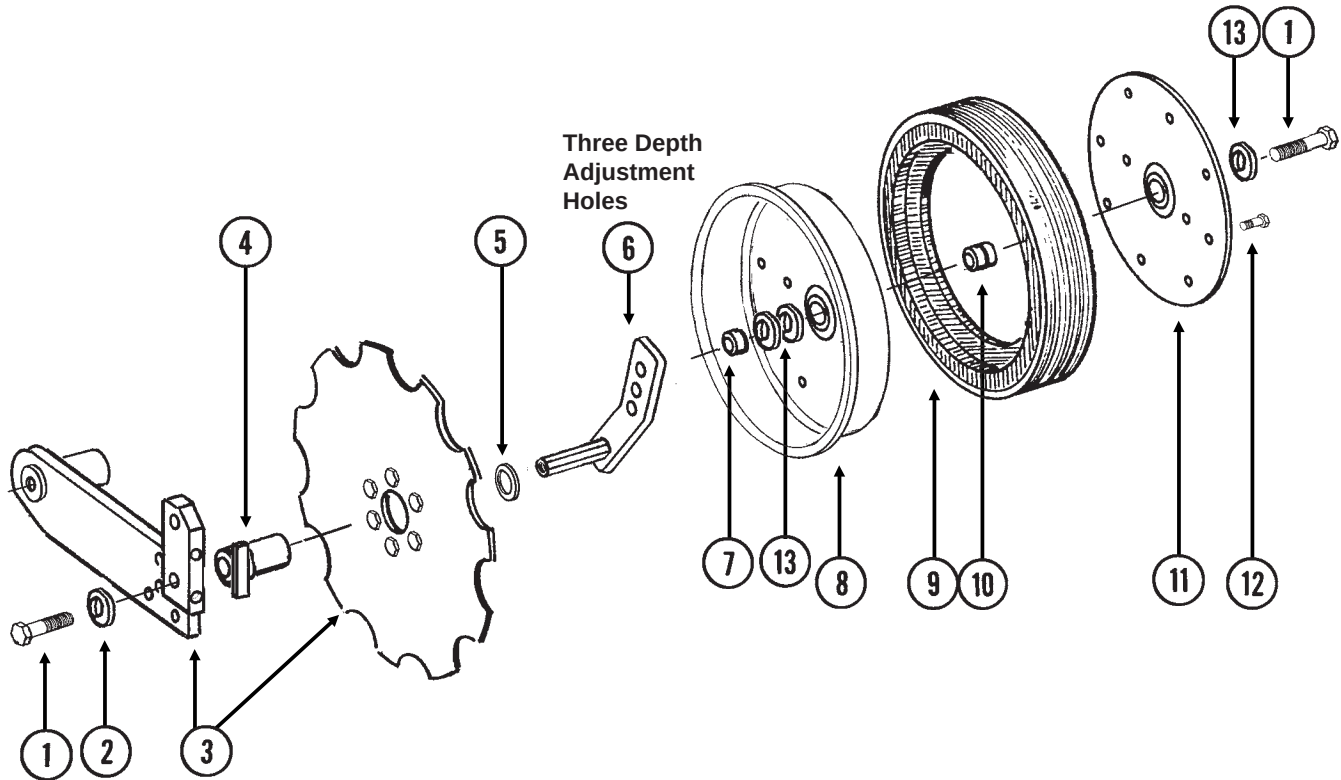
DFC024(FRTZ165I)



Residue Wheel Attachment for Notched Single Disc Fertilizer Opener

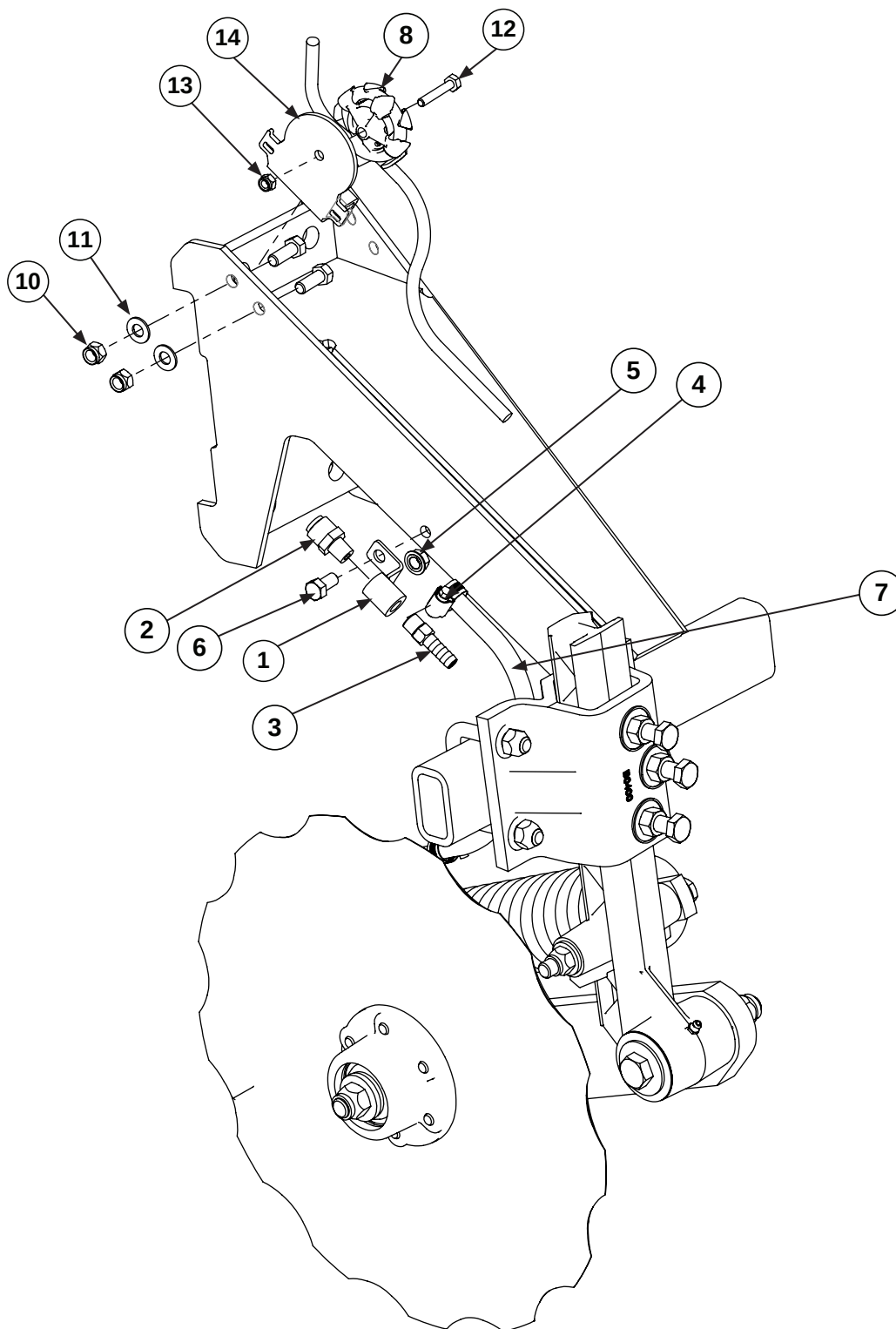
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	---	-	See "Notched Single Disc Fertilizer Opener" on page P268
2	GD12684	1	Bushing, 1 $\frac{1}{3}$ " Long
3	GD11178	1	Adjustment Lever
4	G10603	2	Spring Pin, $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "
5	G11034	1	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 7"
	G10111	1	Lock Nut, $\frac{1}{2}$ "-13
6	G10830	1	Hex Head Cap Screw, $\frac{5}{8}$ "-11 x 7 $\frac{1}{2}$ "
	G11391	1	Flat Washer, $\frac{5}{8}$ " SAE
	G10107	1	Lock Nut, $\frac{5}{8}$ "-11
7	GD11836	1	Sleeve, 2 $\frac{1}{8}$ " Long
8	GD7962	1	Spring
9	G10306	1	Carriage Bolt, $\frac{3}{8}$ "-16 x 2"
	G11387	1	Flat Washer, $\frac{3}{8}$ " SAE
	G10108	1	Lock Nut, $\frac{3}{8}$ "-16
10	GA7999	1	Mount W/Grease Fitting, L.H. (Shown)
	GA7998	-	Mount W/Grease Fitting, R.H.
	G10640	-	Grease Fitting, $\frac{1}{4}$ "-28 (Included W/GA7998 and GA7999)
11	G10133	6	Hex Head Cap Screw, $\frac{5}{16}$ "-18 x 1 $\frac{1}{2}$ "
	G10109	6	Lock Nut, $\frac{5}{16}$ "-18, Grade 8
12	GD1132	2	Dust Cap
13	GD10552	2	Wheel, 12 Tine, $\frac{3}{8}$ " x 12"
14	GA5654	1	Hub W/Bearings
	GA2014	-	Bearing
15	GD9724	1	Backing Plate
16	GD7817-04	1	Spacer, $\frac{1}{16}$ " I.D. x $\frac{1}{2}$ " Long
17	GD11188	1	Spacer
18	G10908	1	Carriage Bolt, $\frac{5}{8}$ "-11 x 3"
	G10503	1	Hex Jam Nut, $\frac{5}{8}$ "-11, Grade 2
19	GD11265	1	Spring, L.H. (Shown)
	GD11266	-	Spring, R.H.
A	GA7445	-	Wheel Assembly, 12 Tine, L.H. (Items 11 And 13-15)(Shown)
	GA7446	-	Wheel Assembly, 12 Tine, R.H. (Items 11 And 13-15)

(FRTZ256)



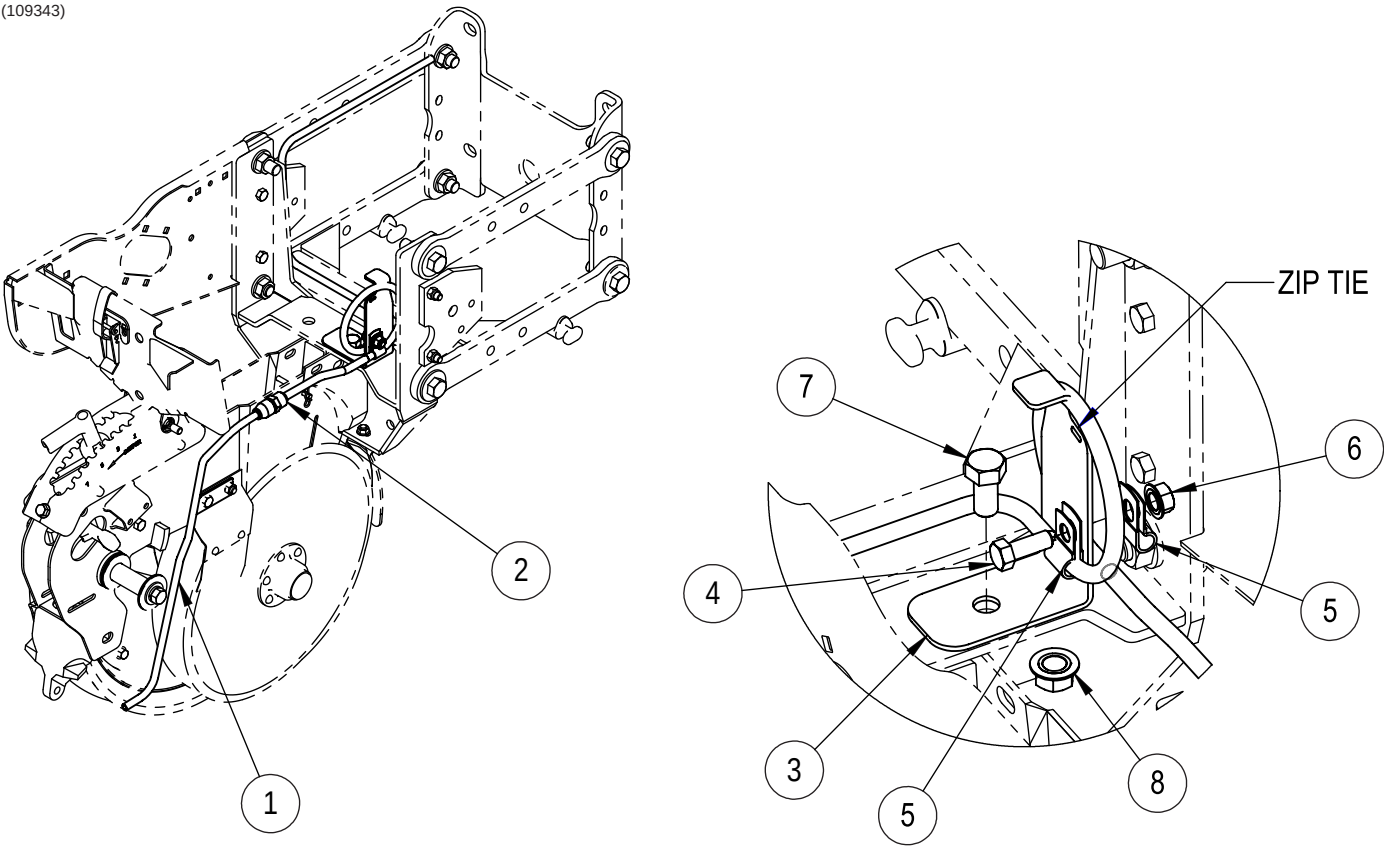
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	G10010	2	Hex Head Cap Screw, 5/8"-11 x 3"
2	G11391	1	Flat Washer, 5/8" SAE
3	---	-	See "Notched Single Disc Fertilizer Opener" on page P268
4	GA9472	1	Blade Mount
5	G10233	1	Machine Bushing, 1", 10 Gauge
6	GA10037	1	Wheel Mount, L.H. (Shown)
	GA10036	1	Wheel 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	11	Flanged Whiz Lock Screw, 5/16"-18 x 3/4", No Serration
	G10620	11	Serrated Flange Nut, 5/16"-18
13	G10204	-	Special Machine Bushing, 5/8" x 1" O.D. (As Required)
A	GA18311	-	Gauge Wheel Complete (Items 8-12)

(107138)



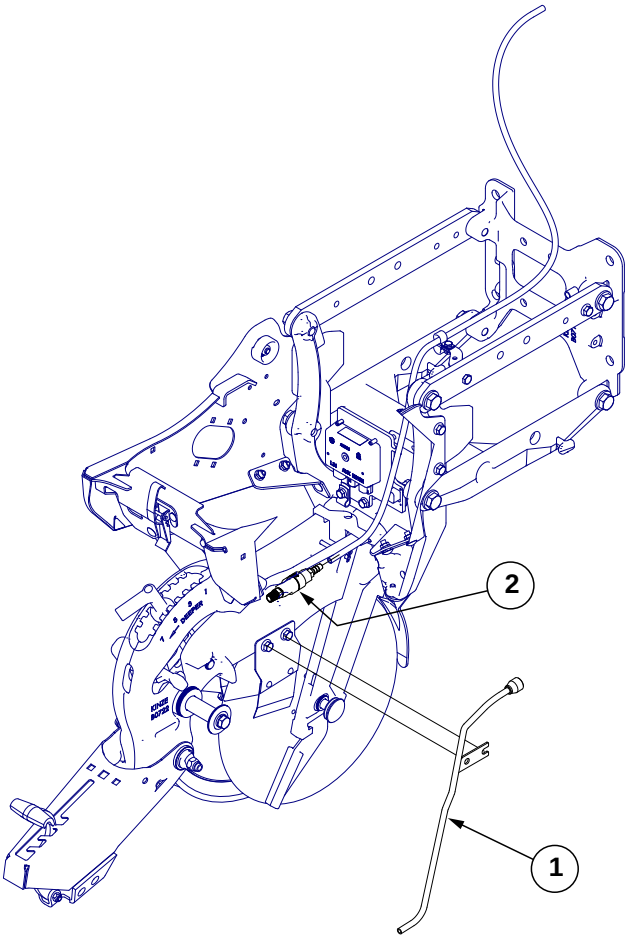
ITEM	PART NO.	QTY. (Per Assy.)	DESCRIPTION
1	GA18576	1	Fertilizer Tube Adapter
2	GD29625	1	Connector, 1/4" NPT x 3/8"
3	GD11700	1	Adapter, 1/4" NPT To 3/8" Barb
4	G10681	2	Hose Clamp, No. 6
5	G10622	1	Serrated Flange Nut, 3/8"-16
6	G10002	1	Hex Head Cap Screw, 3/8"-16 x 3/4"
7	G4301-11	1	Clear Plastic Tube, 3/8" x 16
8	G10944501	1	Fertilizer Air Lock Loop Holder
9	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
10	G10108	2	Lock Nut, 3/8"-16
11	G10203	2	Washer, 3/8" SAE
12	G10021	1	Hex Head Cap Screw, 1/4"-20 x 1 1/2"
13	G10110	1	Lock Nut, 1/4"-20, Grade B
14	G10992701	1	Loop Holder Bracket

(109343)



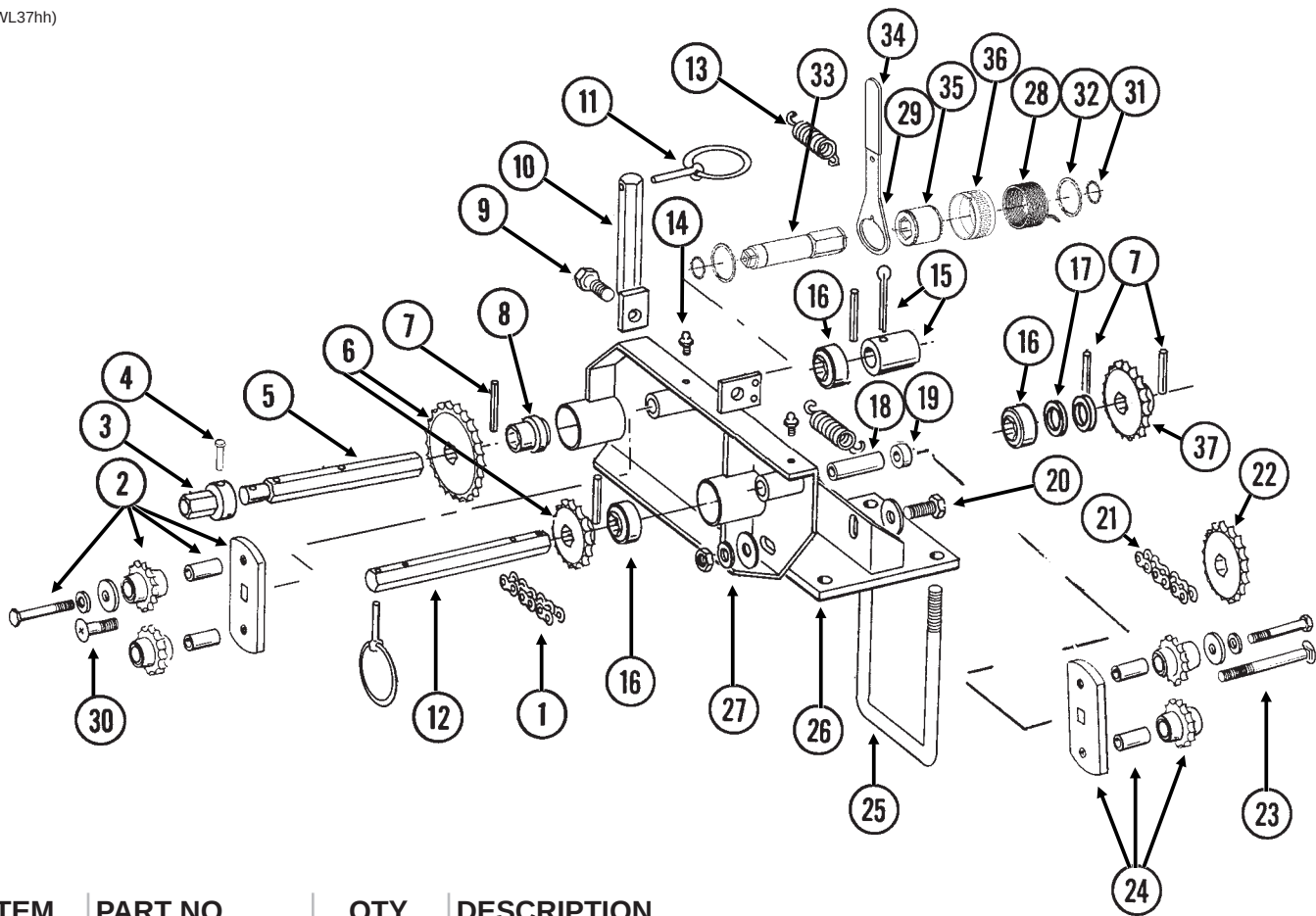
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18822	1	Liquid Fertilizer Tube
2	GD29625	1	Connector, 1/4" NPT x 3/8"
3	G10948201	1	Hose Loop Bracket
4	G10001	1	Hex Head Cap Screw, 3/8"-16 x 1
5	GD6291	2	Insulated Clamp, 3/8"
6	G10622	1	Serrated Flange Nut, 3/8"-16
7	G10014	1	Hex Head Cap Screw, 1/2"-13 x 1"
8	G10071	1	Serrated Flange Nut, 1/2"-13

(A18821a)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18822	-	Liquid Fertilizer Tube
2	GA20583	-	Check Valve Assembly
	GA20584	-	Check Valve Assembly (Blue Vantage)

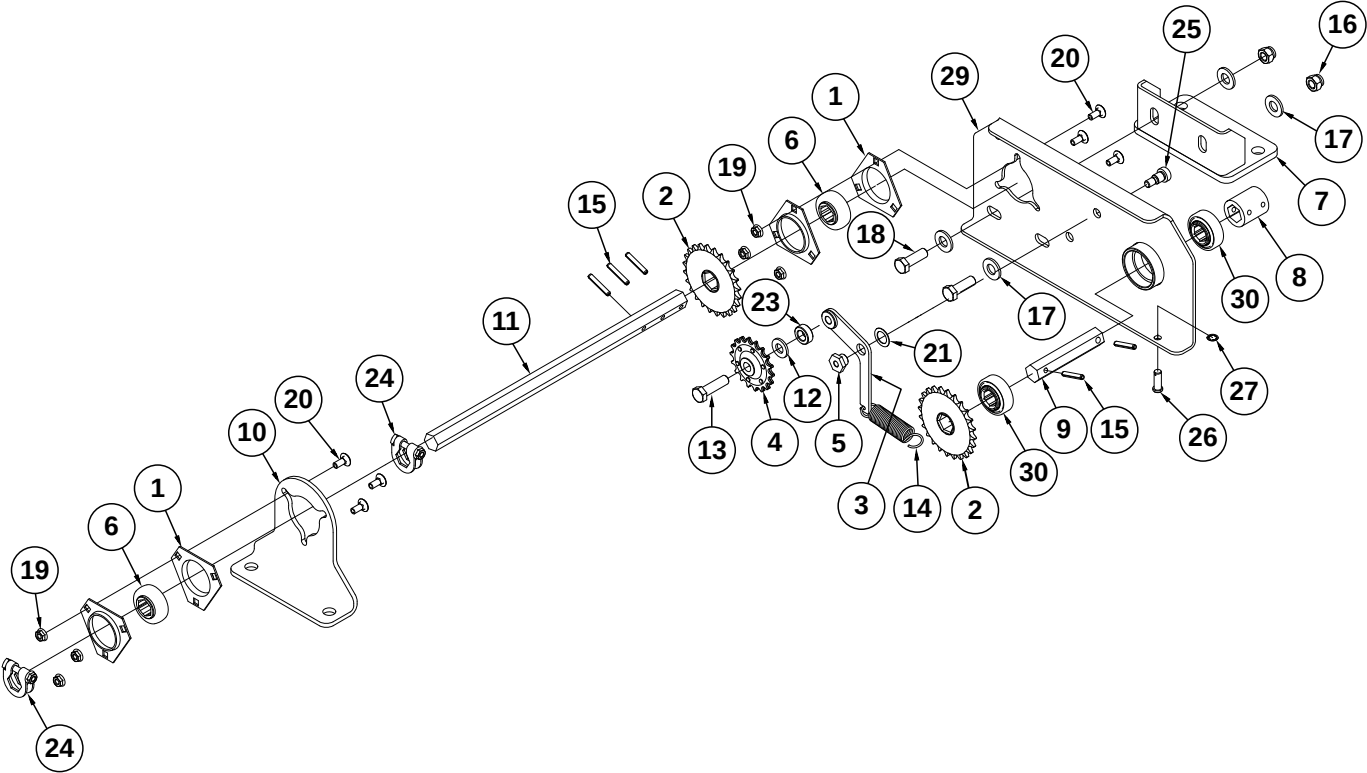
(TWL37hh)



ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
1	G3310-88 GR0912	1 -	Chain, No. 40, 88 Pitch Including Connector Link Connector Link, No. 40
2	GA7336 GD7426 GD1026 G11387 G10229 G10047	1 - - - - -	Idler W/Bolt-On Sprockets Sprocket, 12 Tooth (Included W/GA7336) Sleeve, 1 $\frac{3}{16}$ " Long (Included W/GA7336) Flat Washer, $\frac{3}{8}$ " SAE (Included W/GA7336) Lock Washer, $\frac{3}{8}$ " (Included W/GA7336) Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 1 $\frac{3}{4}$ " (Included W/GA7336)
3	GD7127	1	Shear Coupler
4	G10821 G10455	1 -	Clevis Pin, $\frac{3}{16}$ " x 2" Cotter Pin, $\frac{1}{16}$ " x $\frac{1}{2}$ "
5	GD7866	1	Shaft, $\frac{7}{8}$ " x 7 $\frac{1}{2}$ "
6	GA5105 GA5107 GA5114 GA5115 GA6337	1 1 1 1 1	Sprocket, 15 Tooth Sprocket, 19 Tooth Sprocket, 30 Tooth Sprocket, 33 Tooth Sprocket, 35 Tooth
7	G10602	6	Spring Pin, $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "
8	GA5624	1	Special Bearing, $\frac{7}{8}$ " Hex Bore x 1.6"
9	G10037 G10111	1 1	Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 1 $\frac{1}{4}$ " Lock Nut, $\frac{1}{2}$ "-13
10	GA5229	1	Sprocket Storage Rod
11	GD2558	3	Lynch Pin, $\frac{1}{4}$ "
12	GD10119	1	Shaft, $\frac{7}{8}$ " x 7 $\frac{1}{16}$ "
13	GD5857	2	Spring

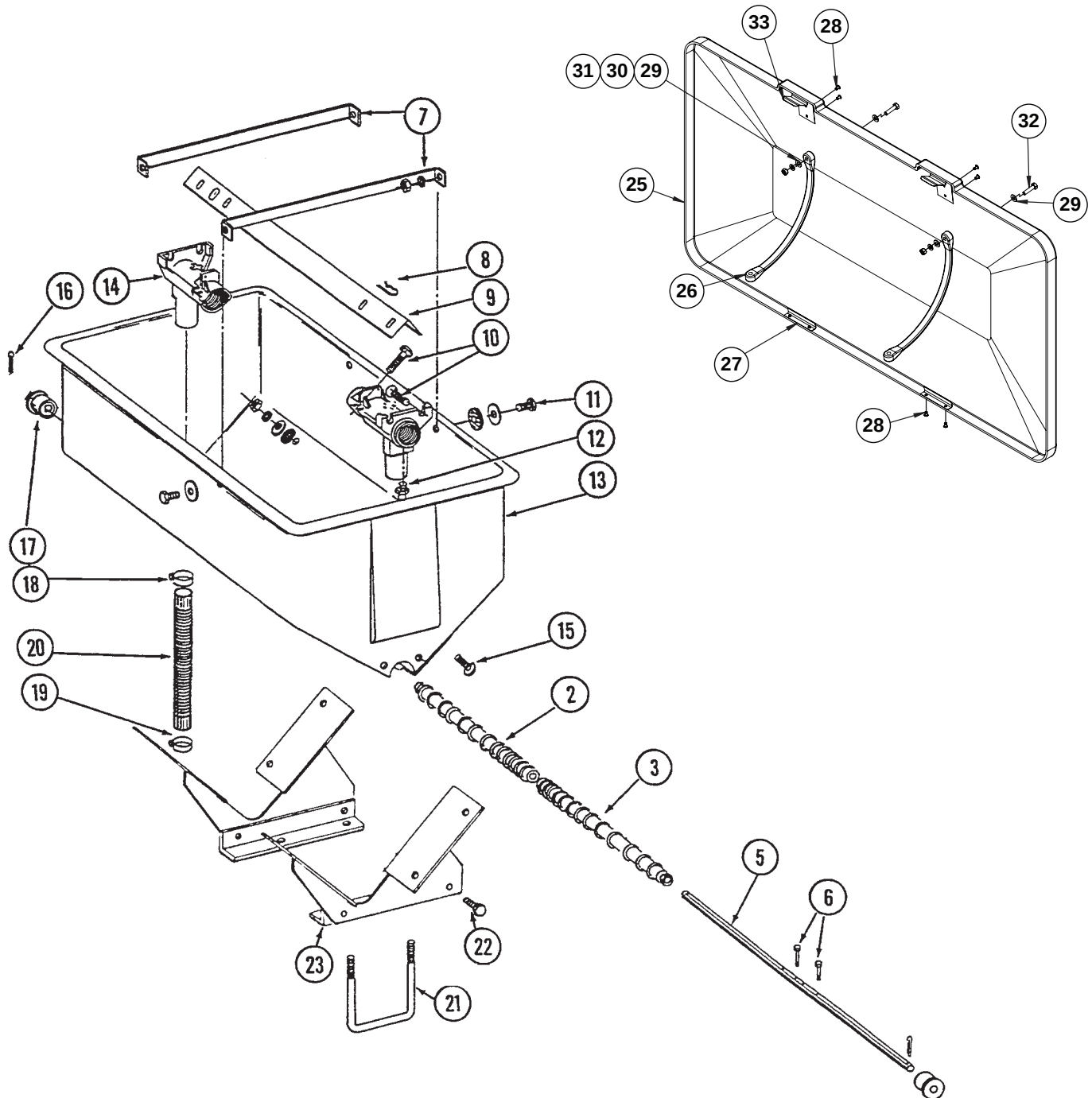
ITEM	PART NO.	QTY. (Per Side)	DESCRIPTION
14	G10640	2	Grease Fitting, 1/4"-28
15	---	-	See "Dry Fertilizer Coupler/Shafts" on page P285
16	GA5116	3	Bearing, 7/8" Hex Bore, Cylindrical
17	G10233	2	Machine Bushing, 1", 10 Gauge
18	GD3180-10	1	Sleeve, 5/8" I.D. x 7/8" O.D. x 3 1/4" Long
19	GD2734-08	1	Sleeve, 1 1/4" O.D. x 5/8" Long
20	G10017	2	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
	G11389	4	Flat Washer, 1/2" SAE
	G10228	2	Lock Washer, 1/2"
	G10102	2	Hex Nut, 1/2"-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, 1/2"-13 x 4 1/2"
	G11389	1	Flat Washer, 1/2" SAE
	G10111	1	Lock Nut, 1/2"-13
24	GA7396	1	Idler W/Bolt-On Sprockets
	GD7426	-	Sprocket, 12 Tooth (Included W/GA7396)
	GD1026	-	Sleeve, 1 3/8" Long (Included W/GA7396)
	G11387	-	Flat Washer, 3/8" SAE (Included W/GA7396)
	G10229	-	Lock Washer, 3/8" (Included W/GA7396)
	G10047	-	Hex Head Cap Screw, 3/8"-16 x 1 3/4" (Included W/GA7396)
	G10049	-	Hex Head Cap Screw, 3/8"-16 x 2 1/2" (Included W/GA7396)
	G10108	-	Lock Nut, 3/8"-16 (Included W/GA7396)
25	GD1134	2	U-Bolt, 7" x 5" x 5/8"-11
	G10230	4	Lock Washer, 5/8"
	G10104	4	Hex Nut, 5/8"-11
26	GA18381	1	Mount, L.H. (Shown)
	GA18380	-	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, 1/4"-20 x 1/2", Grade 8
	G10227	1	Lock Washer, 1/4"
	G11453	1	Fender Washer, 1/4"
31	G11075	2	External Inverted Snap Ring, 7/8"
32	G10496	2	External Inverted Snap Ring, 1 1/2"
33	GD14427	1	Tightener Shaft, 4 7/8"
34	G11078	1	Vinyl Cap
35	GD14432	1	Sleeve, 1 1/4"
36	GD19343	1	Release Collar, Gold, R.H. (Shown)
	GD19344	-	Release Collar, Silver, L.H.
37	GA12192	1	Sprocket, 22 Tooth
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)

(A18618)

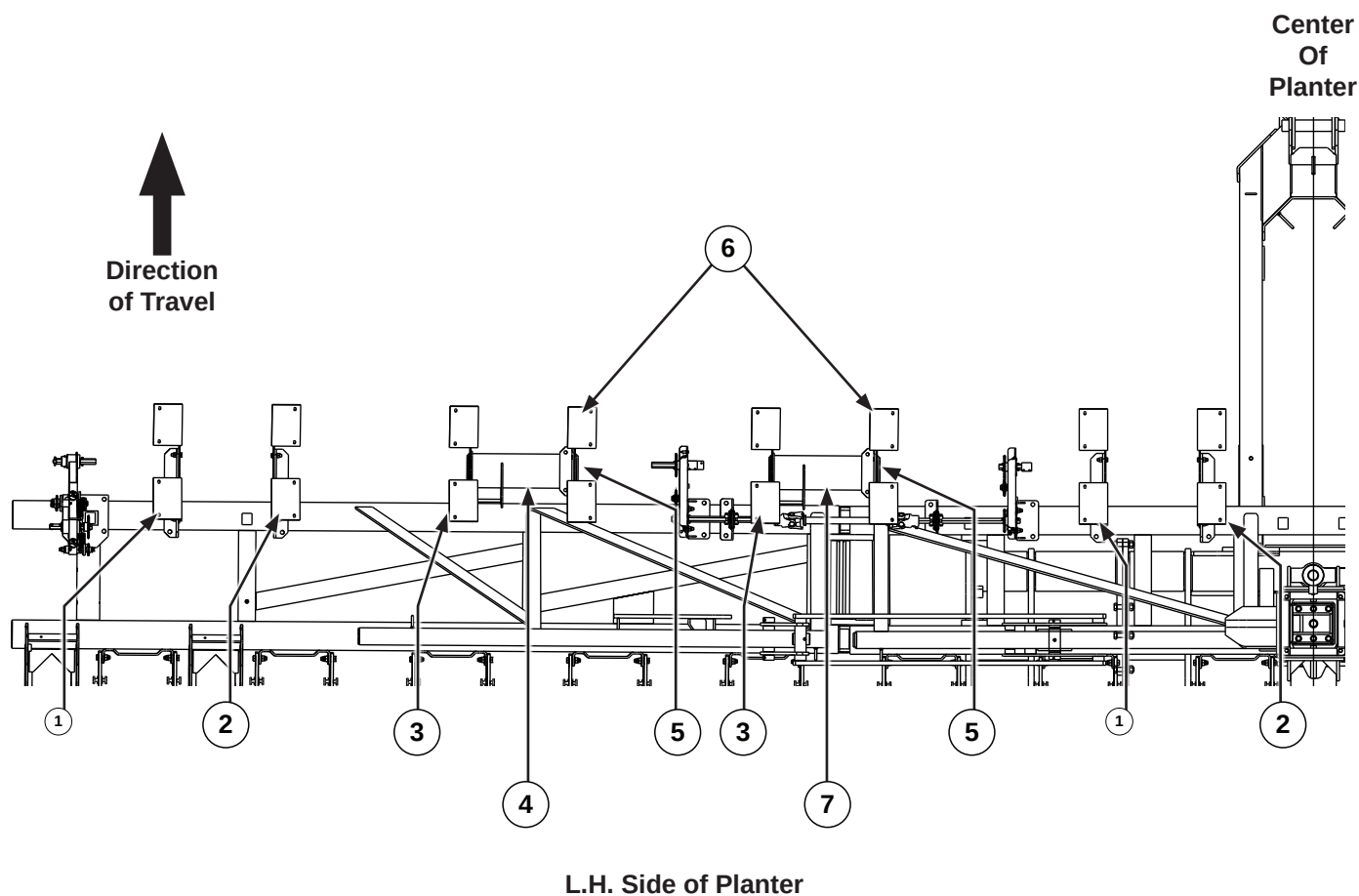


ITEM	PART NO.	QTY.	DESCRIPTION
1	G3400-01	4	Flangette
2	GA5109	2	Sprocket, 24 Tooth
3	GA17975	1	Idler Arm
4	GA7154	1	Sprocket W/Bearing, 18 Tooth
5	GD26479	1	Idler Pivot Nut
6	G2100-03	2	Bearing, 7/8" Hex Bore, Spherical
7	GA18382	1	Dry Fertilizer Mount
8	GD5886	1	Coupler, 1 3/4"
9	GD26880	1	Dry Fertilizer Hex Shaft, 4 3/4"
	GD26879	-	Dry Fertilizer Hex Shaft, 8 1/4"
10	GD26560	1	Dry Fertilizer Bracket
11	GD26565	1	Dry Fertilizer Hex Shaft
12	G11389	1	Flat Washer, 1/2" Plated SAE
13	G10039	1	Hex Head Cap Screw, 1/2"-13 x 1 3/4"
14	GD5857	1	Spring
15	G10602	5	Spring Pin, 1/4" x 1 1/2"
16	G10111	2	Lock Nut, 1/2"-13
17	G11390	7	Flat Washer, 9/16" SAE
18	G10017	2	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
19	G10923	6	Flange Nut, 5/16"-18, No Serration
20	G10312	6	Carriage Bolt, 5/16"-18 x 3/4"
21	GD30725	3	Machine Bushing, 5/8" (.030" Thick)
22	---	-	---
23	GD10161	1	Spacer, 3/8"
24	GA11331	2	Hex Lock Clamp Assembly
25	G11555	1	Hex Socket Head Shoulder Screw, 3/8"-16 x 1/2"
26	G10870	1	Clevis Pin, 3/8" x 1"
27	G10860	1	Retaining Ring, 3/8"
28	G3310-62	1	Chain No. 40, 62 Pitch Including Connector Link
	GR0912	-	Connector Link, No. 40
29	GA18614	1	R.H. Dry Fertilizer Bracket
	GA18613	-	L.H. Dry Fertilizer Bracket
30	GA5116	2	Bearing, 7/8" Hex Bore, Cylindrical
31	GR0911	1	Offset Link, No. 40

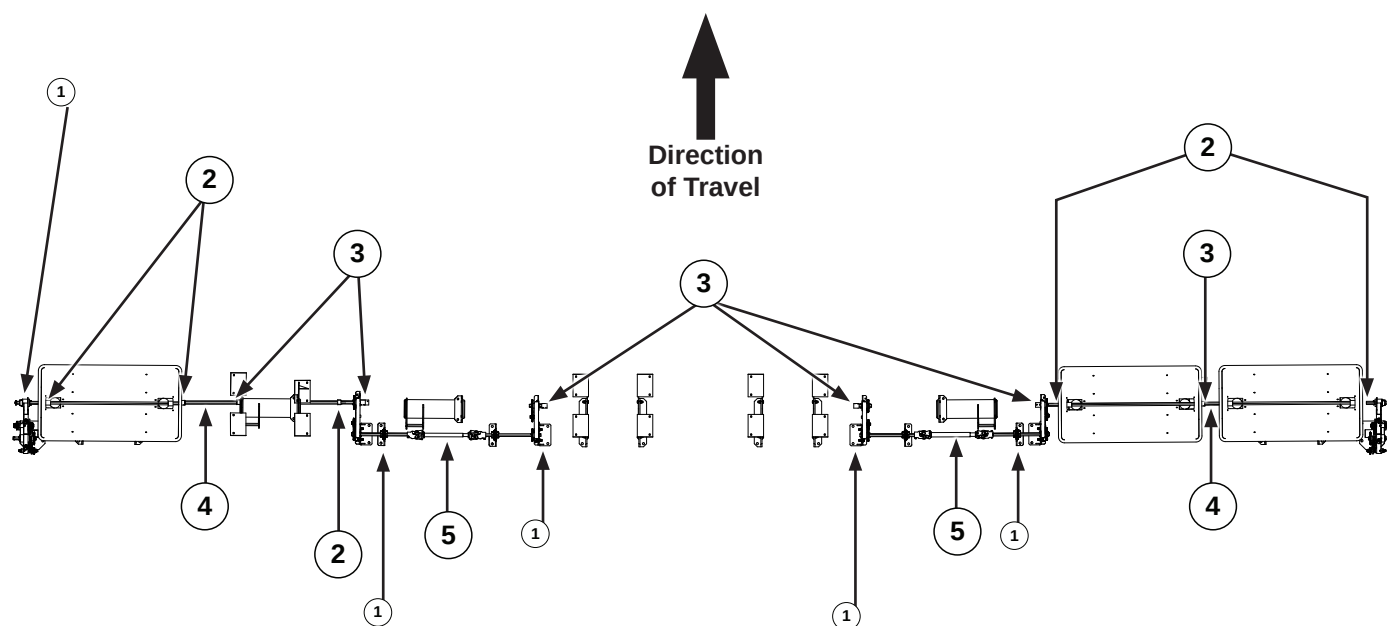
(EXP23)



ITEM	PART NO.	QTY. (Per Hopper)	DESCRIPTION
1	---	-	---
2	GB0198	1	Auger, R.H.
3	GB0199	1	Auger, L.H.
4	---	-	---
5	GD7848	1	Shaft
6	G10587	2	Hex Head Cap Screw, 1/4"-20 x 2", Stainless Steel
	G10588	2	Hex Nut, 1/4"-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 1 1/4"
	G10201	4	Special Washer, 3/8" x 1 1/2" O.D.
	GD1213	4	Rubber Washer
	G10232	4	Lock Washer, 5/16"
	G10106	4	Hex Nut, 5/16"-18
12	G10640	2	Grease Fitting, 1/4"-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 1 1/4" (If Applicable)
	G11386	-	Flat Washer, 5/16" SAE (If Applicable)
	G10201	8	Special Washer, 3/8" x 1 1/2" O.D.
	GD1213	8	Rubber Washer
	G10232	8	Lock Washer, 5/16"
	G10106	8	Hex Nut, 5/16"-18
16	G10460	2	Cotter Pin, 1/4" 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, 1/2"-13 x 1 1/2"
	G10228	4	Lock Washer, 1/2"
	G10102	4	Hex Nut, 1/2"-13
23	---	-	See "Dry Fertilizer Hopper Mounts" on page P284
24	---	-	---
25	GD1654	1	Hopper Lid w/ Kinze Logo
26	GD1210	2	Rubber Strap
27	GD2412	2	Rear Retainer
28	G10655	8	Rivet, 3/16" x 13/32"
29	G11386	4	Flat Washer, 5/16" SAE
30	G10232	2	Lock Washer, 5/16"
31	G10106	2	Hex Nut, 5/16"-18
32	G10171	2	Hex Head Cap Screw, 5/16"-18 x 1 1/4"
33	GD1380	2	Front Clip
A	GA6503	-	Hopper Sub-Assembly (Items 8, 10, And 12-15)
B	GA5667	-	Hopper Hardware Box (Items 2-7, 9, 11, 16, And 17)
C	GA0898	-	Hopper Lid w/ Kinze Logo (Items 25-33)

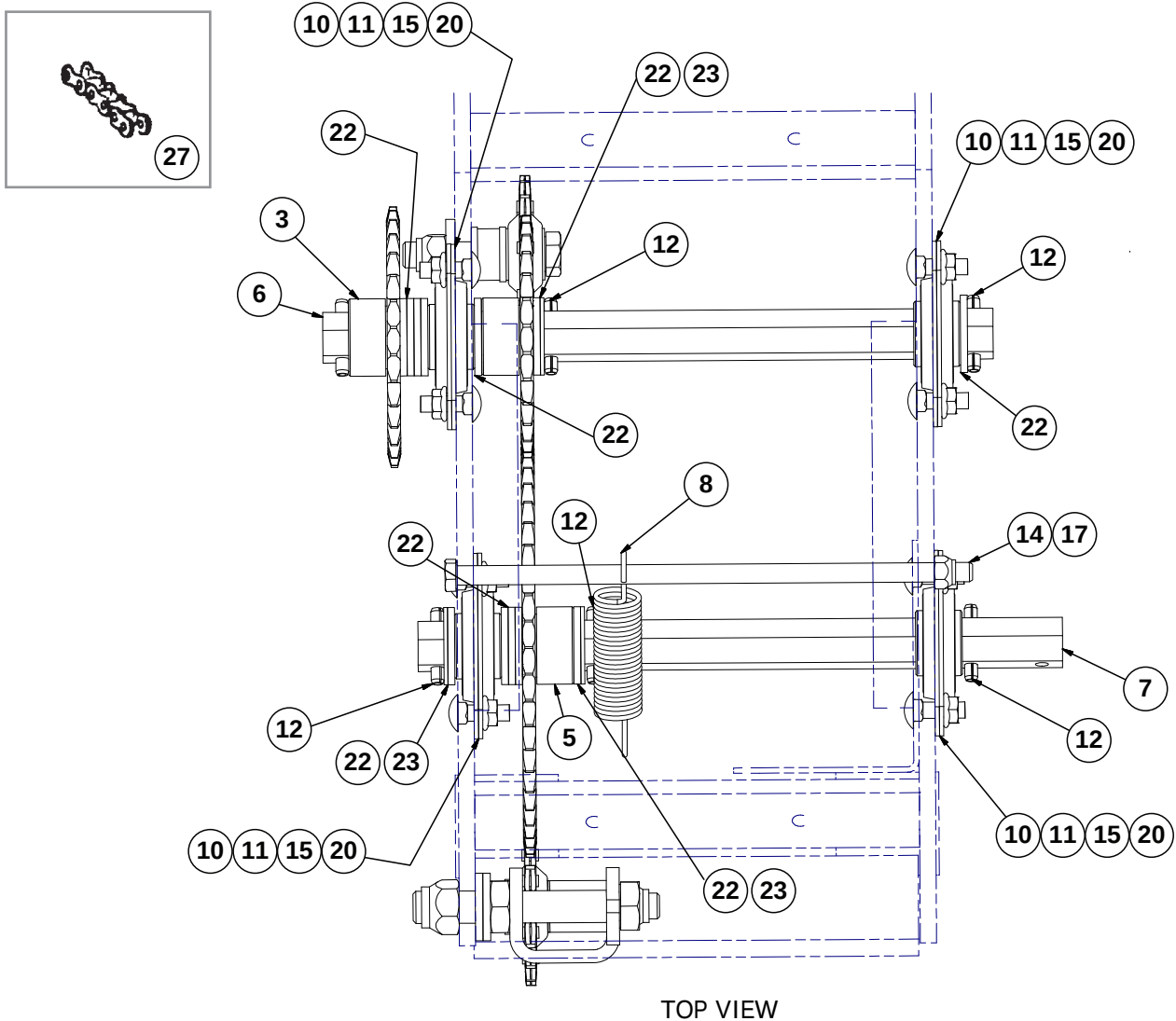
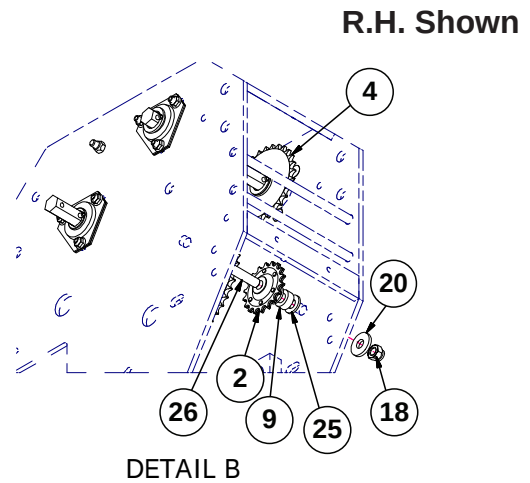
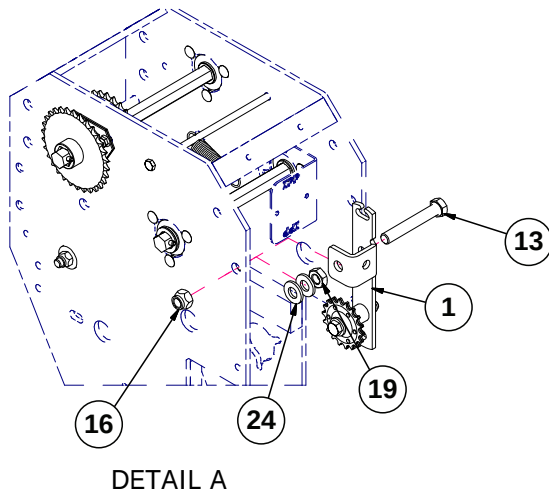


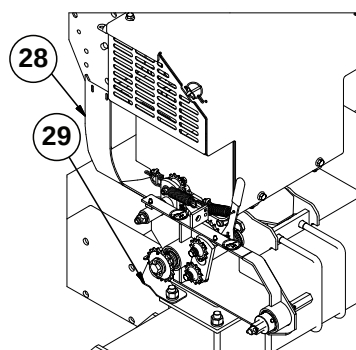
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA18405	-	L.H. Hopper Mount
2	GA18404	-	R.H. Hopper Mount
3	GA18372	-	R.H. Dry Fertilizer Hopper Mount
4	GA18375 GA18374	-	L.H. Hopper Mount R.H. Hopper Mount
5	GD26569	-	Dry Fertilizer Mount Angle
6	GA18373	-	L.H. Dry Fertilizer Hopper Mount
7	GA22199 GA22200	-	L.H. Hopper Mount R.H. Hopper Mount



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	-	See "Dry Fertilizer Drive" on page P280
2	GD7867 G10602	-	Coupler, 3" Spring Pin, 1/4" x 1 1/2"
3	GD5886 G10602	- -	Coupler, 1 3/4" Spring Pin, 1/4" x 1 1/2"
4	GD2548-7.375	-	Hex Drill Shaft, 7/8" x 7 3/8"
5	GA18385 GR2149 GR2150	- - -	U-Joint, 12 1/2" Assembly Inner Profile (Included W/GA18385) Inboard and Outer Profile Yoke

(102437)

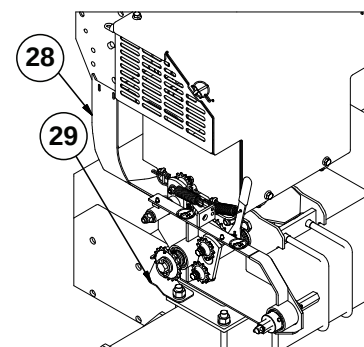
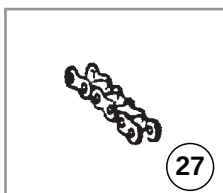
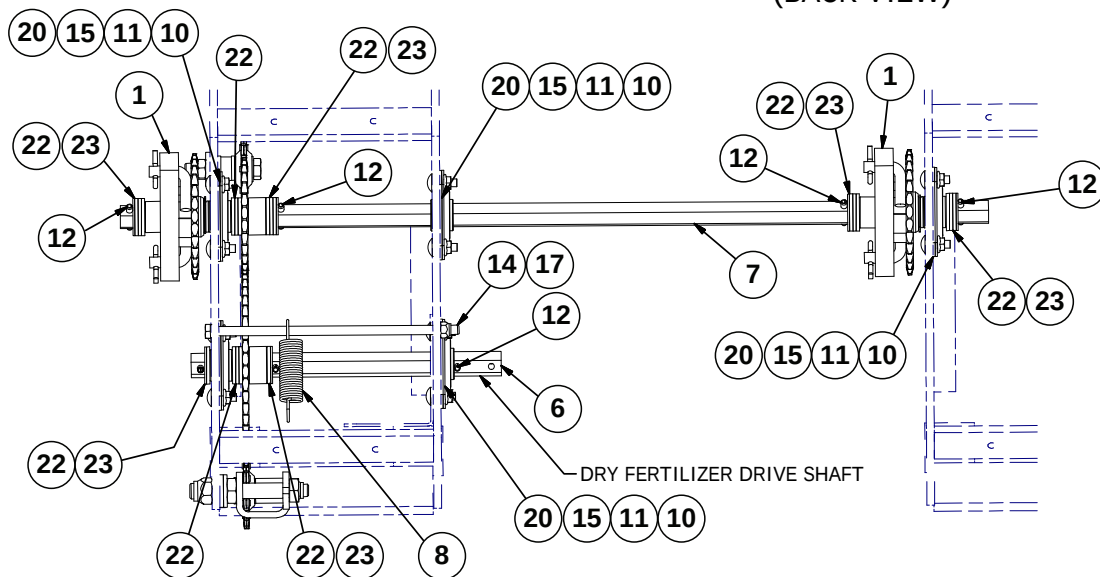
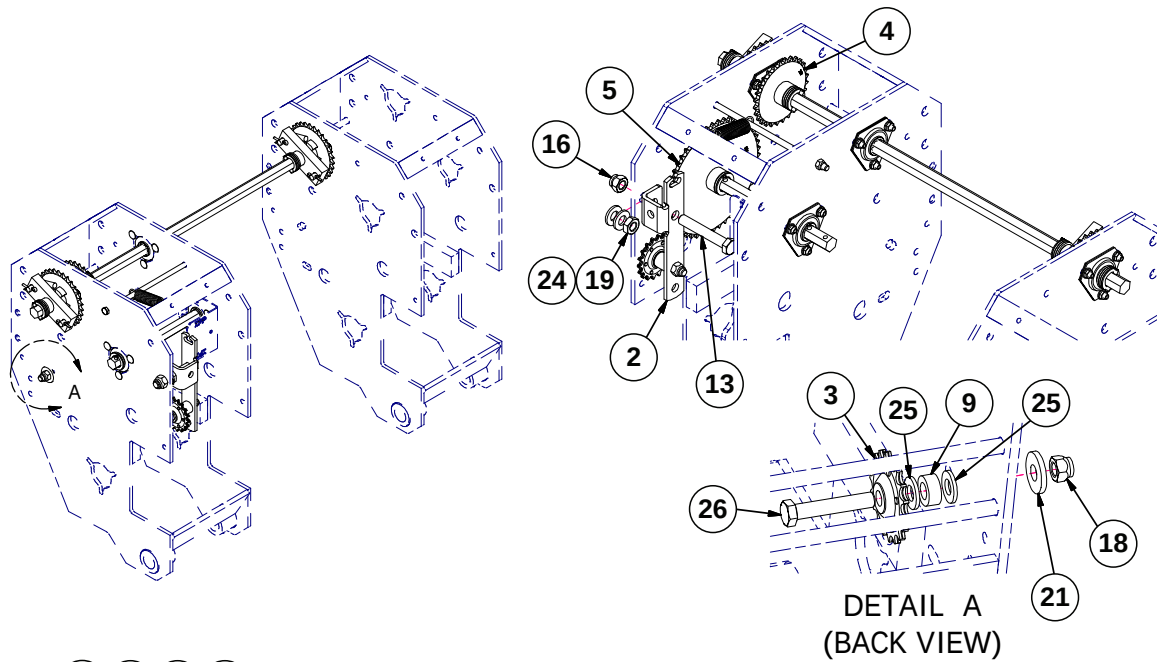




TRANSMISSION
CHAIN SHIELDS

ITEM	PART NO.	QTY.	DESCRIPTION
1	GA9558	1	Idler Assembly, R.H.
	GA9557	1	Idler Assembly, L.H.
2	GA7154	1	Sprocket W/Bearing, 18 Tooth
3	GA5114	1	Sprocket, 30 Tooth
4	GA12192	2	Sprocket, 22 Tooth
5	GA5194	1	Sprocket, 50 Tooth
6	G10307401	1	Shaft, $\frac{7}{8}$ " x 13"
7	G10306801	1	Shaft, 7/8" x 12.5"
8	GD5857	1	Spring
9	GD7889	1	Bushing, 1" O.D. x 9/16" I.D. x 7/16" Long
10	G2100-03	4	Bearing, 7/8" Hex Bore, Spherical
11	G3400-01	8	Flangette
12	G10602	6	Spring Pin, $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "
13	G10036	1	Hex Head Cap Screw, 5/8"-11 x 4"
14	G10595	1	Hex Head Cap Screw, 3/8"-16 x 10"
15	G10303	12	Carriage Bolt, 5/16"-18 x 1"
16	G10107	1	Lock Nut, 5/8"-11
17	G10108	1	Lock Nut, 3/8"-16
18	G10111	1	Lock Nut, 1/2"-13
19	G10503	1	Hex Jam Nut, 5/8"-11, Grade 2
20	G10620	12	Serrated Flange Nut, 5/16"-18
21	G10168	1	Machine Bushing, $\frac{1}{2}$ ", 7 Gauge (.1793")
22	G10233	12	Machine Bushing, 1 $\frac{1}{2}$ " x 1/32", 10 Gauge (.1345")
23	G10345	3	Machine Bushing, 1", 14 Gauge (.0747")
24	G11391	2	Flat Washer, 5/8" SAE
25	G11389	2	Flat Washer, $\frac{1}{2}$ " Plated SAE
26	G10397	1	Hex Head Cap Screw, 1/2"-13 x 2 $\frac{3}{4}$ "
27	G3310-114	2	Chain, No. 40, 114 Pitch Including Connector Link (Transmission)
	G3310-100	2	Chain, No. 40, 100 Pitch Including Connector Link (Contact Drive)
	GR0912	-	Connector Link, No. 40
28	G10315001	1	Dry Fertilizer Transmission Chain Shield
29	G10268301	1	Hydraulic Hose Cover Plate

(102419)

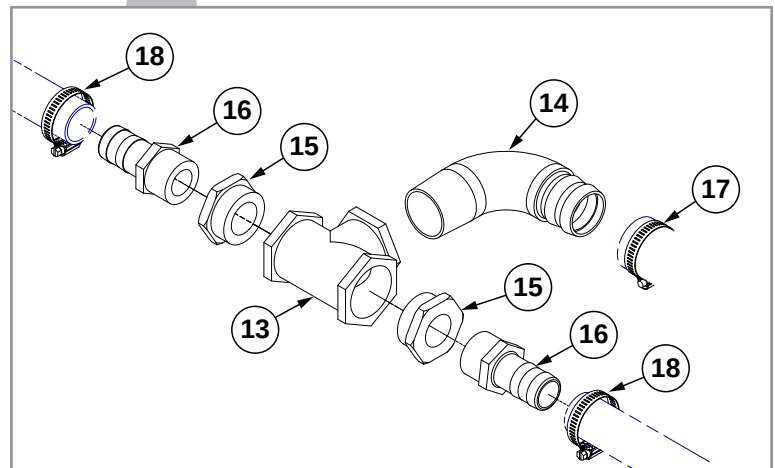
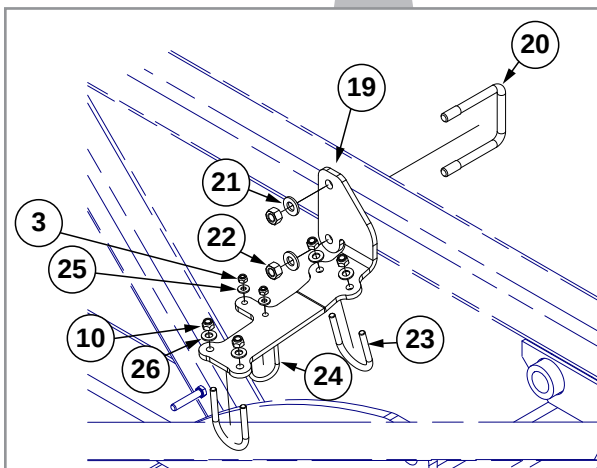
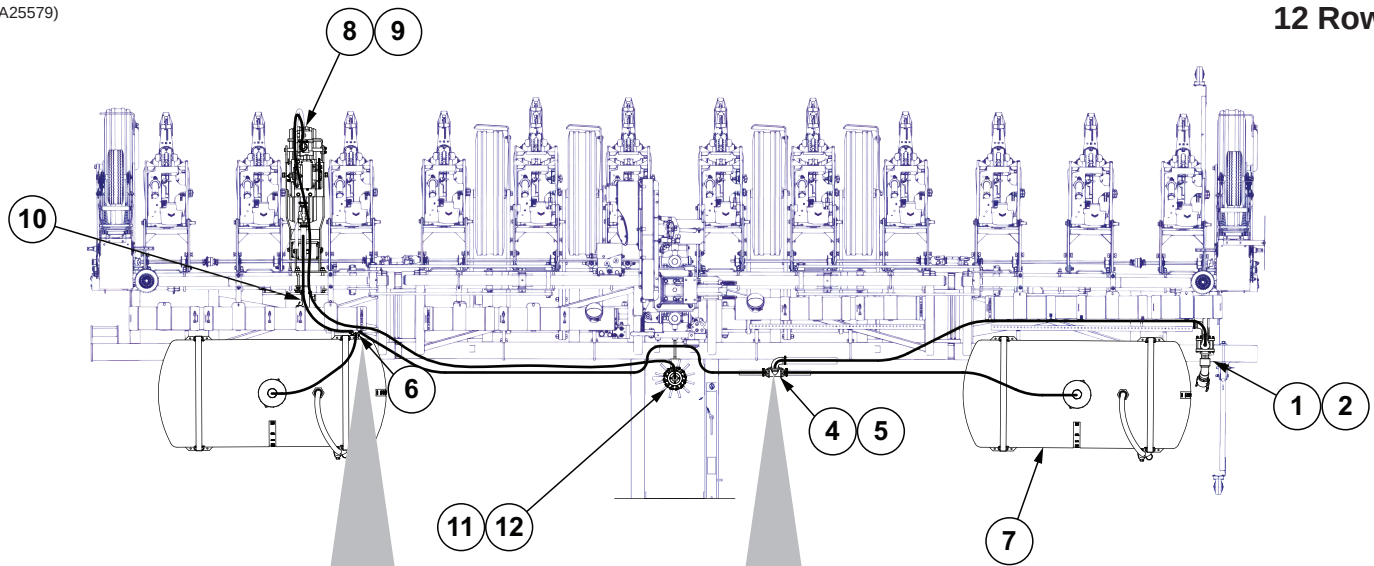


TRANSMISSION
CHAIN SHIELDS

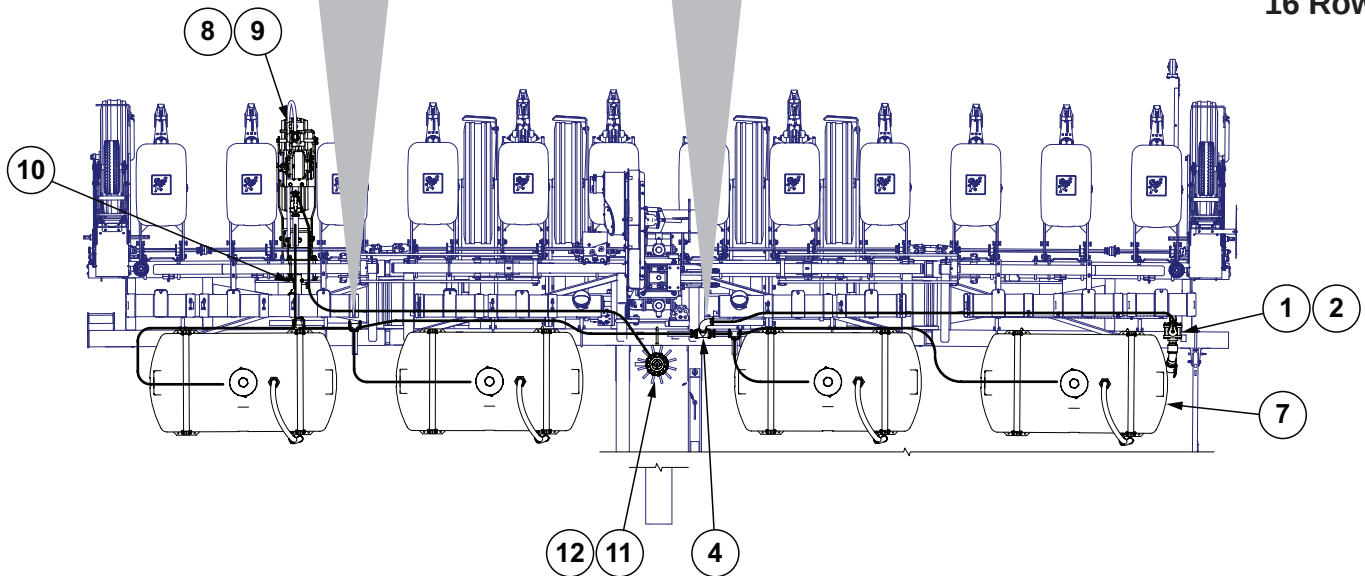
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA9843	2	Ratchet/Sprocket Assembly, 30 Tooth
2	GA9558	1	Idler Assembly
3	GA7154	1	Sprocket W/Bearing, 18 Tooth
4	GA12192	4	Sprocket, 22 Tooth
5	GA5194	1	Sprocket, 50 Tooth
6	G10306801	1	Shaft, 7/8" x 12.5"
7	G10306701	1	Shaft, 7/8" x 35"
8	GD5857	1	Spring
9	GD7889	1	Bushing, 1" O.D. x 9/16" I.D. x 7/16" Long
10	G2100-03	5	Bearing, 7/8" Hex Bore, Spherical
11	G3400-01	10	Flangette
12	G10602	7	Spring Pin, 1/4" x 1 1/2"
13	G10036	1	Hex Head Cap Screw, 5/8"-11 x 4"
14	G10595	1	Hex Head Cap Screw, 3/8"-16 x 10"
15	G10303	15	Carriage Bolt, 5/16"-18 x 1"
16	G10107	1	Lock Nut, 5/8"-11
17	G10108	1	Lock Nut, 3/8"-16
18	G10111	1	Lock Nut, 1/2"-13
19	G10503	1	Hex Jam Nut, 5/8"-11, Grade 2
20	G10620	15	Serrated Flange Nut, 5/16"-18
21	G10168	1	Machine Bushing, 1/2", 7 Gauge (.1793")
22	G10233	20	Machine Bushing, 1 1/2" x 1/32", 10 Gauge (.1345")
23	G10345	6	Machine Bushing, 1", 14 Gauge (.0747")
24	G11391	2	Flat Washer, 5/8" SAE
25	G11389	2	Flat Washer, 1/2" Plated SAE
26	G10397	1	Hex Head Cap Screw, 1/2"-13 x 2 3/4"
27	G3310-114	4	Chain, No. 40, 114 Pitch Including Connector Link (Transmission)
	G3310-100	2	Chain, No. 40, 100 Pitch Including Connector Link (Contact Drive)
	GR0912	-	Connector Link, No. 40
28	G10315001	1	Dry Fertilizer Transmission Chain Shield
29	G10268301	1	Hydraulic Hose Cover Plate

(A25579)

12 Row

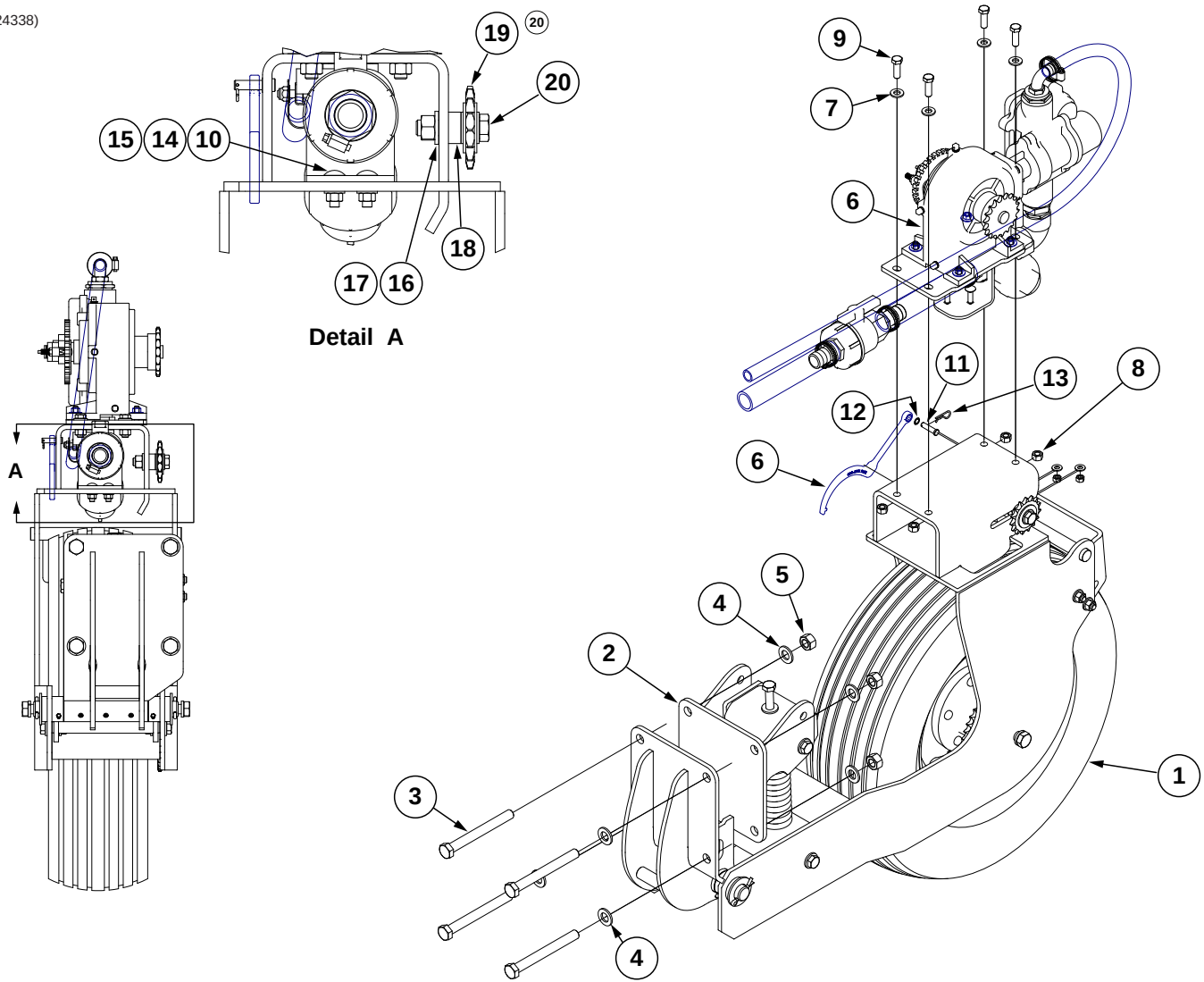


16 Row



ITEM	PART NO.	QTY.	DESCRIPTION
1	---	1	See "Liquid Fertilizer Fill Valve Mounting Assembly" on page P305
2	G4201-03	1	Hose, 2" x 18'
3	G10110	2	Lock Nut, 1/4"-20, Grade B
4	G4200-05	1	Hose, 1 1/4" x 50'
5	GA14111	6	Hose Guide (Bulk Fill Only)
	G10004	6	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
	G11091	6	Serrated Flange Nut, 3/8"-16
6	G10633	1	Tee, 1 1/4" Barb
	G10674	3	Hose Clamp, No. 24
7	---	-	See "Liquid Fertilizer Tanks, Saddles, Saddles Mounts, and Tank Fittings (Bulk Fill, GCD)" on page P296
	---	-	See "Liquid Fertilizer Tanks, Saddles, Saddles Mounts, and Tank Fittings (Conventional, GCD)" on page P294
8	GA24338	1	See "Piston Pump Mount and Ground Drive Wheel (GCD)" on page P292
9	G4205-14	1	Hose, 3/4" x 228"
10	G10108	4	Lock Nut, 3/8"-16
11	---	-	See "Liquid Piston Pump Flow Divider Mount (GCD)" on page P304
12	G4301-08	1	Hose, 3/8" x 250'
13	G10888	1	Tee, 2" Female NPT
14	G10630	1	Elbow, 90°, 2" NPT To Barb
15	G10616	2	Reducing Bushing, 2" Male NPT To 1 1/4" Female
16	G10626	2	Adapter, 1 1/4" NPT To Barb
17	G10676	1	Hose Clamp, No. 36, Stainless Steel
18	G10674	2	Hose Clamp, No. 24
19	GD33831	1	Hose Holder
20	GD4743	1	U-Bolt, 3" x 3" x 1/2"-13
21	G11389	2	Flat Washer, 1/2" Plated SAE
22	G10102	2	Hex Nut, 1/2"-13
23	GD10530	2	U-Bolt, 2 1/8" x 1 7/8" x 3/8"-16
24	GD10963	1	U-Bolt, 1 1/2" x 1 5/16" x 1/4"-20
25	G11385	2	Flat Washer, 1/4" SAE
26	G11387	4	Flat Washer, 3/8" SAE

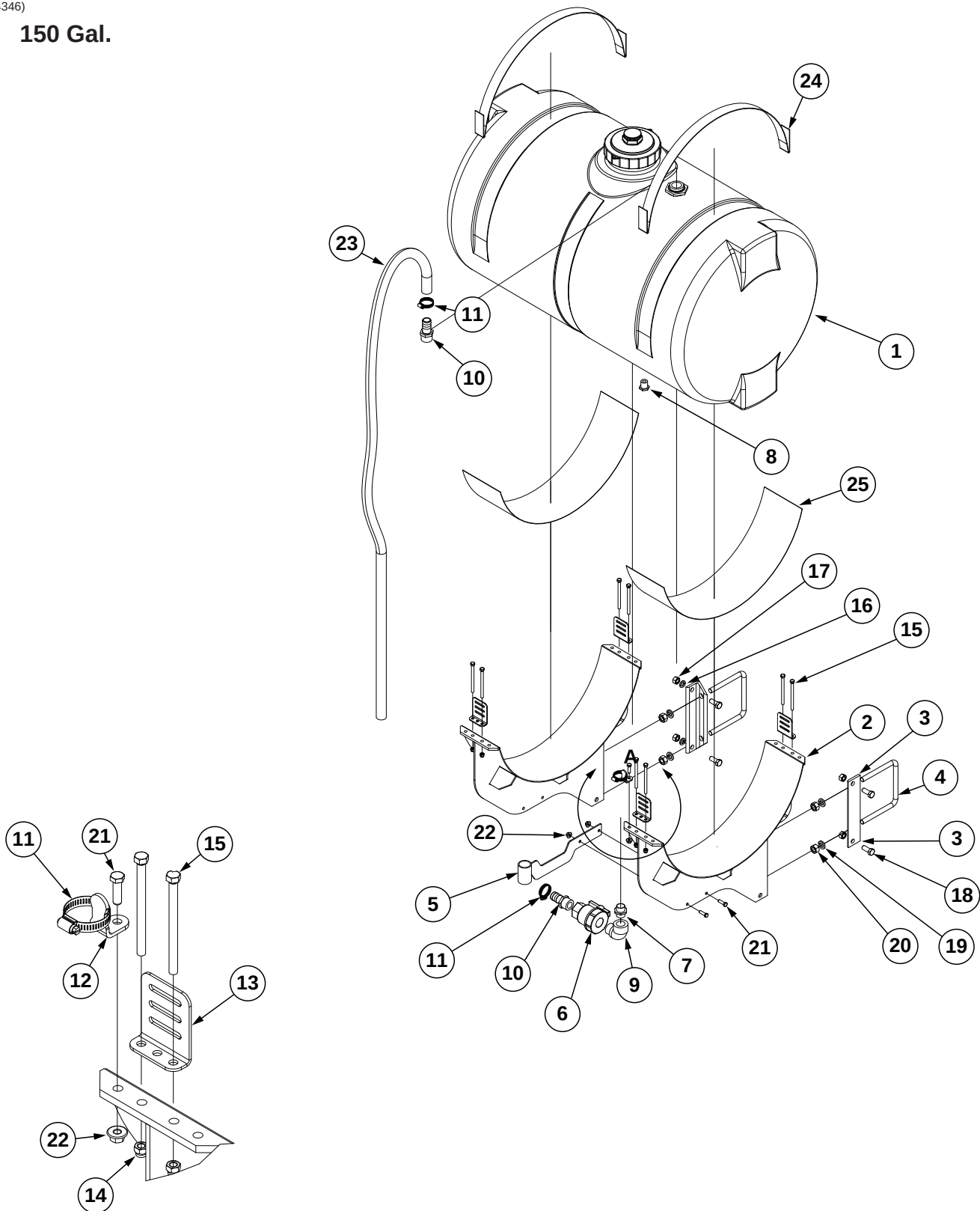
(A24338)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA24329	1	Drive Wheel Mount
2	GA24334	1	Wheel Arm Mount
3	G10057	4	Hex Head Cap Screw, 3/4"-10 x 7"
4	G11392	7	Flat Washer, 3/4" SAE
5	G10105	4	Hex Nut, 3/4"-10
6	GA24340	1	Piston Pump Pre-Assembly
7	G11389	4	Flat Washer, 1/2" Plated SAE
8	G10102	4	Hex Nut, 1/2"-13
9	G10017	4	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
10	G10599	2	Carriage Bolt, 3/8"-16 x 1 1/4"
11	G10166	1	Clevis Pin, 3/8" x 1 1/2"
12	G10860	1	Retaining Ring, 3/8"
13	G10670	1	Hair Pin Clip, No. 3
14	G10101	2	Hex Nut, 3/8"-16
15	G11387	2	Hardened Washer, 3/8" SAE
16	G11391	1	Flat Washer, 5/8" SAE
17	G10104	1	Hex Nut, 5/8"-11
18	GD7817-04	1	Spacer, 1 1/16" I.D. x 1/2" Long
19	GA0262	1	Idler Sprocket W/Bearing, 15 Tooth
20	G10009	1	Hex Head Cap Screw, 5/8"-11 x 2 1/2"
21	G3200-63	1	Chain

(A24346)

150 Gal.

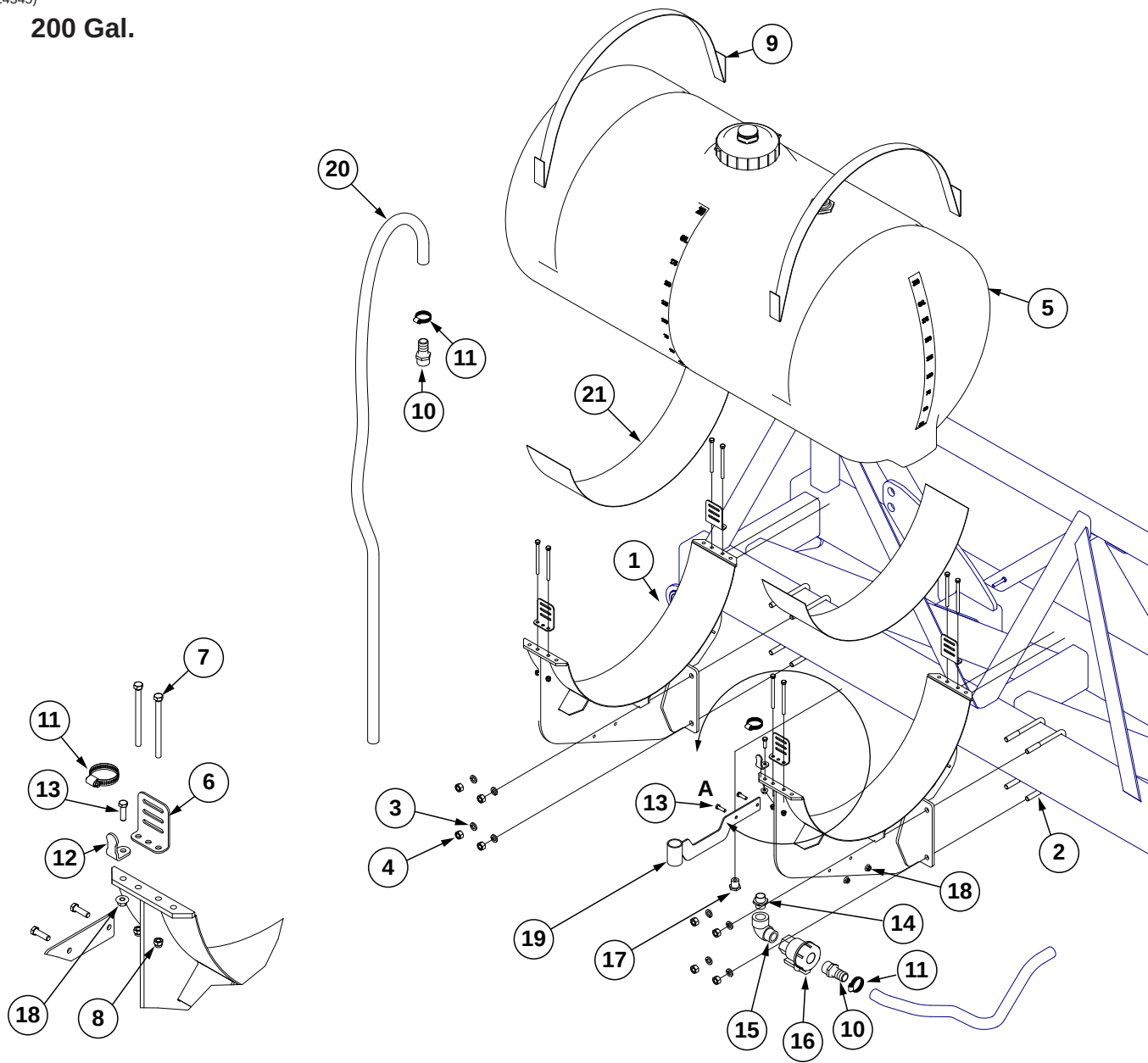


Detail A

ITEM	PART NO.	QTY.	DESCRIPTION
1	G10856502	1	Tank W/Lid and Fittings, 150 Gallon
	GA16428	1	Lid, 7" W/Vacuum Breaker (Included W/G10856502)
	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/G10856502)
	GR0508	2	1¼" Polypropylene Fitting Assembly (Nut, Bushing And O-Ring) (Bottom Of Tank) (Included W/G10856502)
	GR1941	1	Seal (Included W/G10856502)
	G10096	1	Pipe Plug, ¾" NPT
2	GA7133	2	Tank Mount (2 Per Tank)
3	GD10110	2	Mounting Angle (2 Per Tank)
4	GD1747	2	U-Bolt, 5" x 7" x ¾"-10
5	GA14112	1	Hose Guide
6	GA4976	1	Shutoff Valve, 1¼" NPT
7	G10619	1	Close Nipple, 1¼" NPT
8	G10096	1	Pipe Plug, ¾" NPT
9	G10887	1	Elbow, 90°, 1¼" Male NPT To Female
10	G10626	2	Adapter, 1¼" NPT To Barb
11	G10674	3	Hose Clamp, No. 24
12	GD20060	1	Hose Bracket
13	GD11123	4	Anchor (Sub GA8114)
14	G10901	8	Lock Nut, ⅜"-16
15	G10485	8	Hex Head Cap Screw, ⅜"-16 x 5"
16	G10230	4	Lock Washer, ⅝"
17	G10104	4	Hex Nut, ⅝"-11
18	G10007	4	Hex Head Cap Screw, ⅝"-11 x 1½"
19	G10231	4	Lock Washer, ¾"
20	G10105	4	Hex Nut, ¾"-10
21	G10004	3	Hex Head Cap Screw, ⅝"-16 x 1¼"
22	G11091	3	Serrated Flange Nut, ⅝"-16
23	G4602-21	1	Black Helix Hose, 1¼" x 7.8'
24	GD11124	2	Strap, 84"
25	GD1862	-	Tank Pad, 8" x 14' Roll

(A24345)

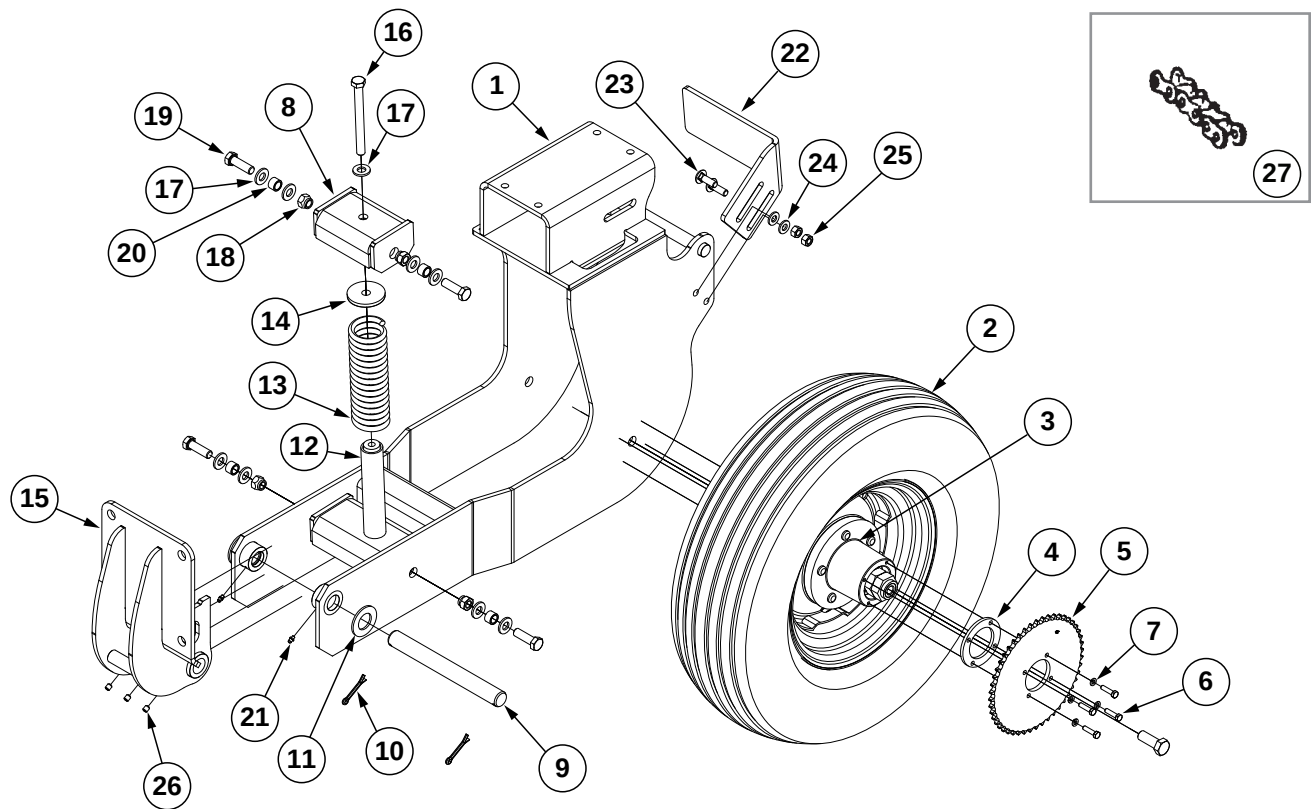
200 Gal.



Detail A

ITEM	PART NO.	QTY.	DESCRIPTION
1	G10630101	2	200 Gallon Tank Mount
2	GD1113	4	U-Bolt, 5" x 7" x 5/8"-11
3	G11391	8	Flat Washer, 5/8" SAE
4	G10107	8	Lock Nut, 5/8"-11
5	G10856602	1	Tank W/Sealed Lid, 200 Gallon
	GA16428	1	Lid, 7" W/Vaccum Breaker (Included W/G10856602)
	GA16157	1	Vacuum Breaker
	GR1708	1	3/4" Bulkhead Overflow Fitting Assembly (Overflow Fitting, Nut, Bushing, And O-Ring) (Top And Bottom Of Tank) (Included W/G10856602)
	GR0508	2	1 1/4" Polypropylene Fitting Assembly (Nut, Bushing And O-Ring) (Bottom Of Tank) (Included W/G10856602)
	GR1941	1	Seal (Included W/G10856602)
6	GD11123	4	Anchor (Sub GA8114)
7	G10485	8	Hex Head Cap Screw, 3/8"-16 x 5"
8	G10901	8	Lock Nut, 3/8"-16
9	GD11124	2	Strap, 84"
10	G10626	2	Adapter, 1 1/4" NPT To Barb
11	G10674	3	Hose Clamp, No. 24
12	GD20060	1	Hose Bracket
13	G10004	3	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
14	G10619	1	Close Nipple, 1 1/4" NPT
15	G10887	1	Elbow, 90°, 1 1/4" Male NPT To Female
16	GA4976	1	Shutoff Valve, 1 1/4" NPT
17	G10096	1	Pipe Plug, 3/4" NPT
18	G11091	3	Serrated Flange Nut, 3/8"-16
19	GA14112	1	Hose Guide
20	G4602-21	1	Black Helix Hose, 1 1/4" x 7.8'
21	GD1862	1	Tank Pad, 8" x 14' Roll

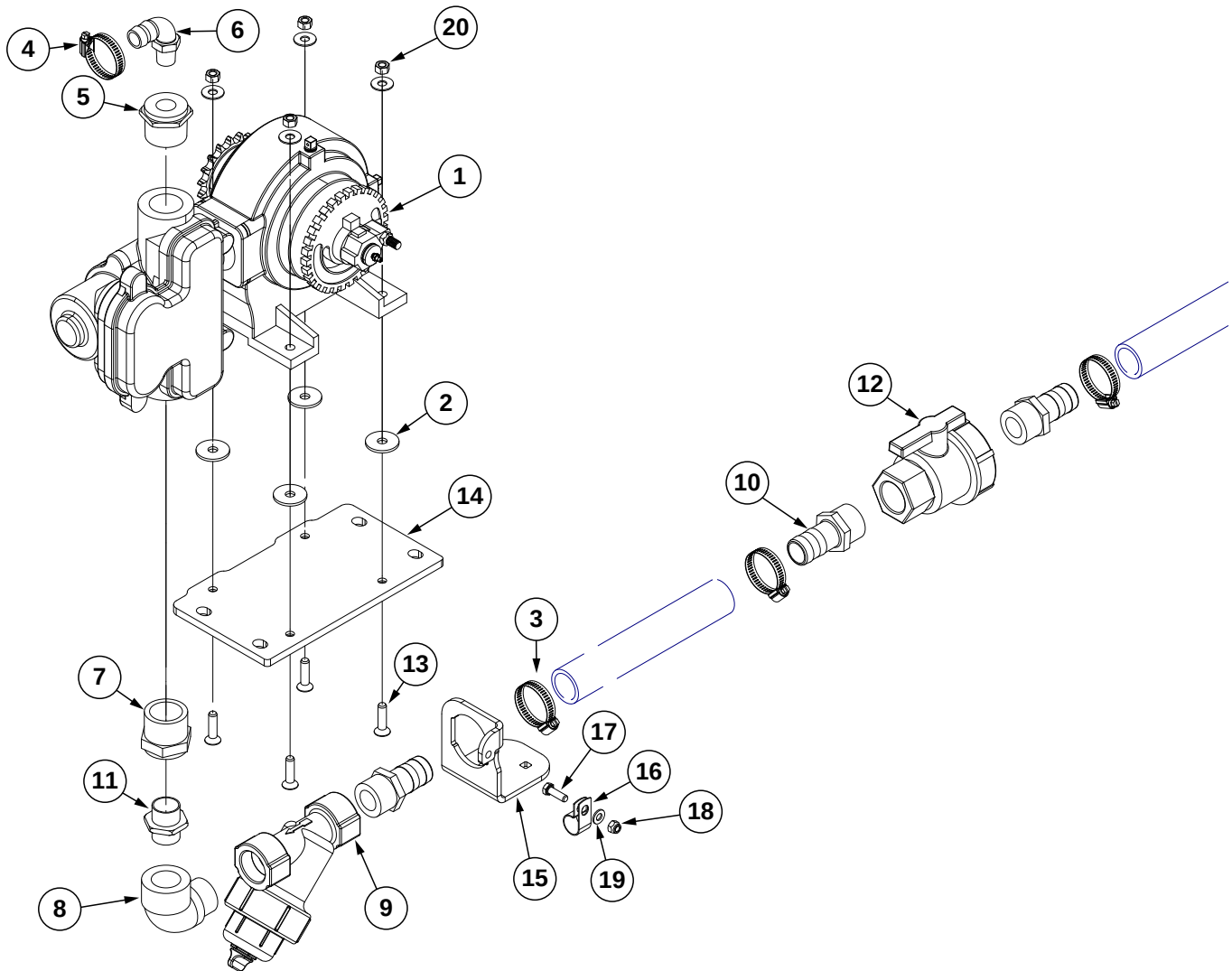
(A24329)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA24330	1	Piston Pump Wheel Arm
2	GD0844	1	Tire, 7.60" x 15", 8 Ply (Specify Brand*)
	GD1166	1	Valve Stem
	GA0241	1	Wheel, 5" x 15"
3	GA0547	1	Hub W/Cups And Studs, 5 Bolt
	GR0190	2	Cup (Included W/GA0547)
	GR0204	5	Stud (Included W/GA0547)
4	GD33822	1	Ground Drive Sprocket Distance Plate
5	G2500-84	1	Sprocket, 48 Tooth
6	G10171	4	Hex Head Cap Screw, $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ "
7	G10232	4	Lock Washer, $\frac{5}{16}$ "
8	GA24331	1	Top Spring Mount
9	GD29104-13	1	Pin, $1\frac{1}{4}$ " O.D. x $11\frac{1}{2}$ "
10	G10460	2	Cotter Pin, $\frac{1}{4}$ " x 2"
11	G11396	2	Flat Washer, $1\frac{1}{4}$ " SAE
12	GA24332	1	Spring Mount
13	GD7831	1	Compression Spring
14	GB0196	1	Washer
15	GA24333	1	Wheel Arm Mount
16	G10012	1	Hex Head Cap Screw, $\frac{5}{8}$ "-11 x $6\frac{1}{2}$ "
17	G11391	9	Flat Washer, $\frac{5}{8}$ " SAE
18	G10107	4	Lock Nut, $\frac{5}{8}$ "-11
19	G10008	4	Hex Head Cap Screw, $\frac{5}{8}$ "-11 x 2"
20	GB0218	4	Bushing, $2\frac{1}{32}$ " I.D. x $\frac{7}{8}$ " O.D. x $1\frac{9}{32}$ " Long
21	G10640	2	Grease Fitting, $\frac{1}{4}$ "-28
22	GD34178	1	Slotted Scraper, R.H.
23	G10636	2	Carriage Bolt, $\frac{1}{2}$ "-13 x $1\frac{1}{2}$ "
24	G11389	2	Flat Washer, $\frac{1}{2}$ " Plated SAE
25	G10102	2	Hex Nut, $\frac{1}{2}$ "-13
26	G10073	3	Hex Set Screw, $\frac{3}{8}$ "-16 x $\frac{7}{16}$ "
27	G3200-63	1	Chain, No. 2050, 63 Pitch Including Connector Link, Used With NGP-7055 Piston Pump

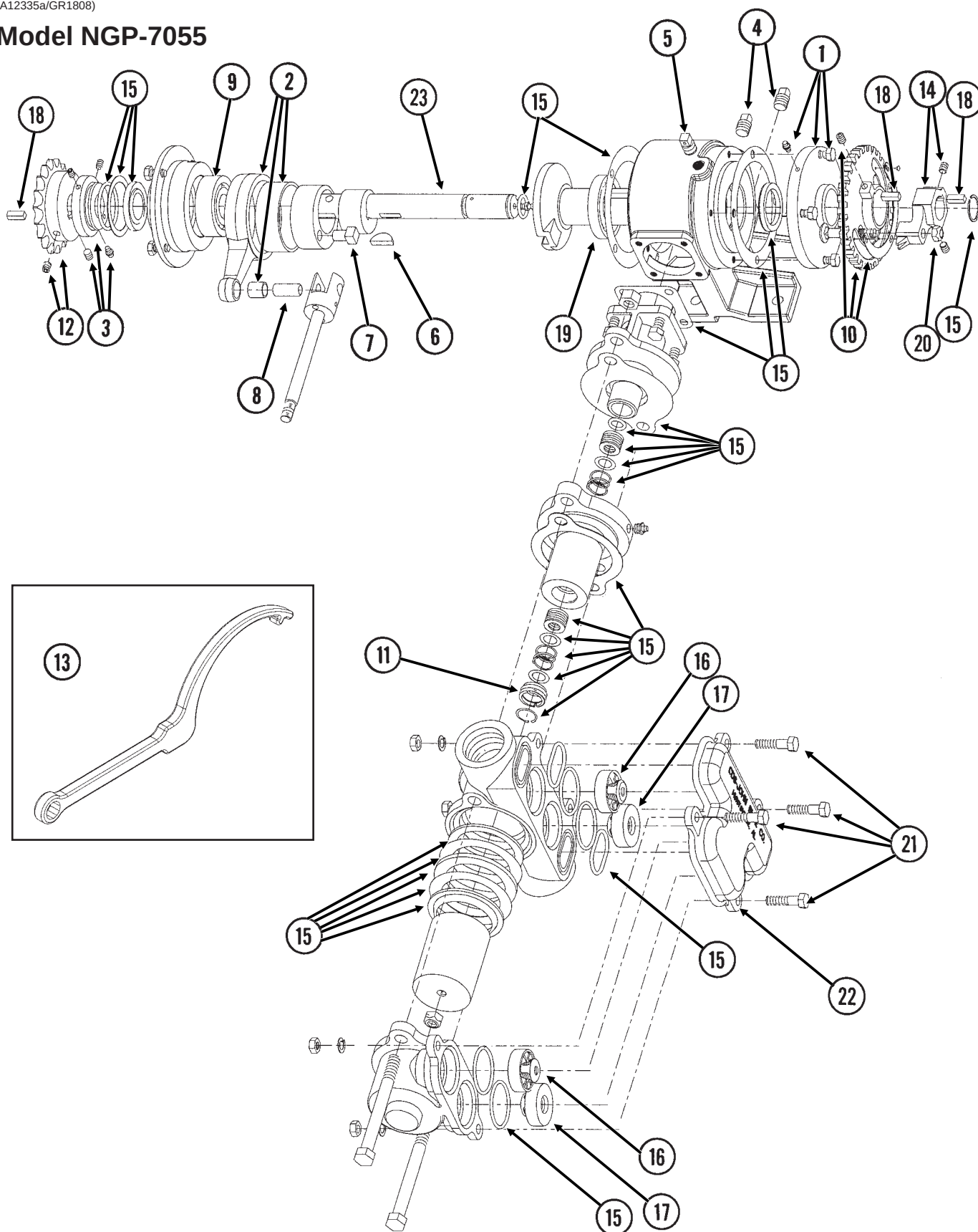
* Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied. Different brand tires may have different diameters. Change in tire brand may affect rates. Field checks are recommended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

(A24340)



ITEM	PART NO.	QTY.	DESCRIPTION
1	GA12335	1	See "Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket) (GCD)" on page P302
2	GR1122	4	Mounting Pad
3	G10674	3	Hose Clamp, No. 24
4	G10278	1	Hose Clamp, No. 16
5	G11237	1	Reducing Bushing, 1½" Male NPT To ¾" Female
6	G10917	1	Elbow, 90°, ¾" NPT To Barb
7	G10615	1	Reducing Bushing, 1½" Male NPT To 1¼" Female
8	G10887	1	Elbow, 90°, 1¼" Male NPT To Female
9	GA3893	1	Strainer Complete
	GR0880	-	Screen, No. 40 Mesh (Included W/GA3893)
	GR0881	-	Gasket (Included W/GA3893)
	GR0882	-	Y-Body (Included W/GA3893)
	GR0883	-	End Cap (Included W/GA3893)
10	G10626	3	Adapter, 1¼" NPT To Barb
11	G10619	1	Close Nipple, 1¼" NPT
12	GA4976	1	Shutoff Valve, 1¼" NPT
13	G11289	4	Hex Flat Head Cap Screw, ⅜"-16 x 1½"
14	GD33819	1	Piston Pump Adaptor Plate
15	GD33820	1	Hose Holder Under Piston Pump
16	GD20095	1	Insulated Clamp
17	G10019	1	Hex Head Cap Screw, ⅝"-18 x 1"
18	G11182	1	Lock Nut W/Nylon Insert, ⅝"-18
19	G11386	1	Flat Washer, ⅝" SAE
20	G10101	4	Hex Nut, ⅜"-16
	G10210	4	Washer, ⅜" USS

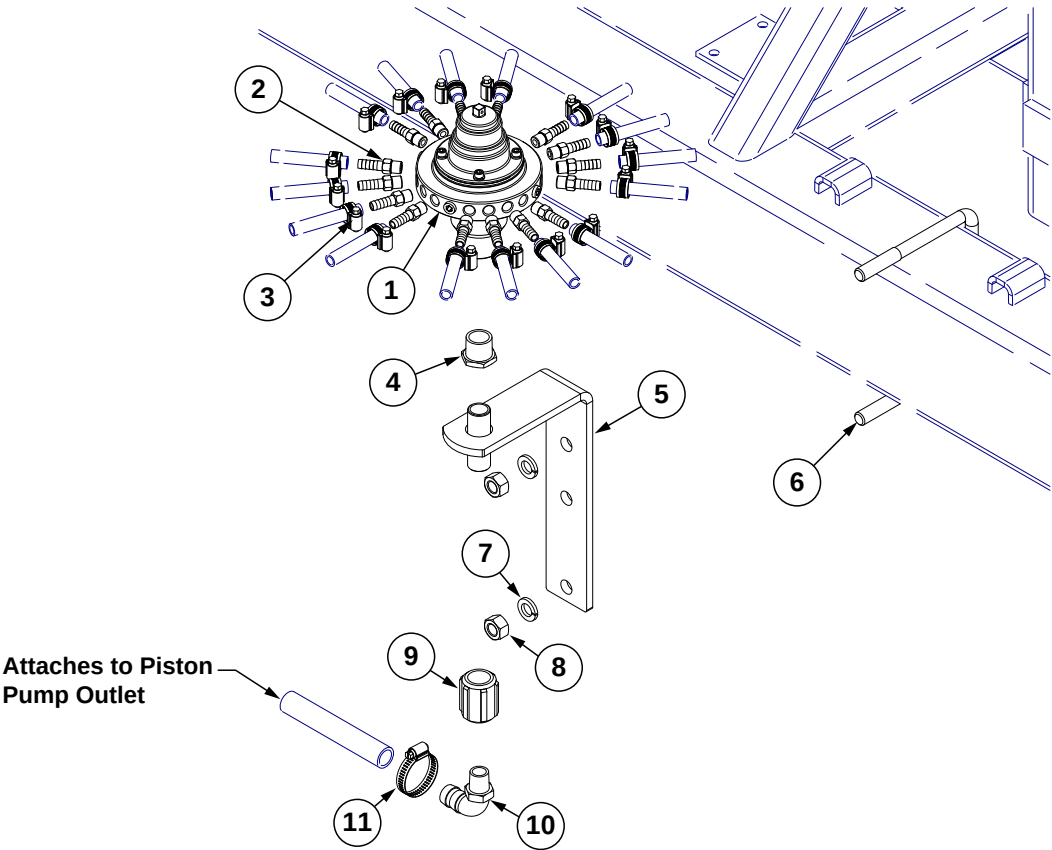
(A12335a/GR1808)

Model NGP-7055

ITEM	PART NO.	QTY.	DESCRIPTION
1	GR1804	1	Flange Cover Assembly
	G10991	4	Hex Head Cap Screw, $\frac{5}{16}$ "-18 x $\frac{7}{8}$ "
2	GR1803	1	Connecting Rod Assembly
3	GR1801	1	Spacer Assembly
	G10693	3	Hex Socket Head Set Screw, $\frac{5}{16}$ "-18 x $\frac{3}{8}$ "
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, $\frac{3}{8}$ "-16 x 2"
	G10108	1	Lock Nut, $\frac{3}{8}$ "-16
21	G10003	4	Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ "
	G11387	4	Flat Washer, $\frac{3}{8}$ " SAE
	G10229	4	Lock Washer, $\frac{3}{8}$ "
	G10101	4	Hex Nut, $\frac{3}{8}$ "-16
22	GR2011	1	Valve Cover, NPG-7055
23	GR2185	-	Crankshaft
A	GA12335	-	Piston Pump Complete W/18 Tooth Sprocket (Model NGP-7055)

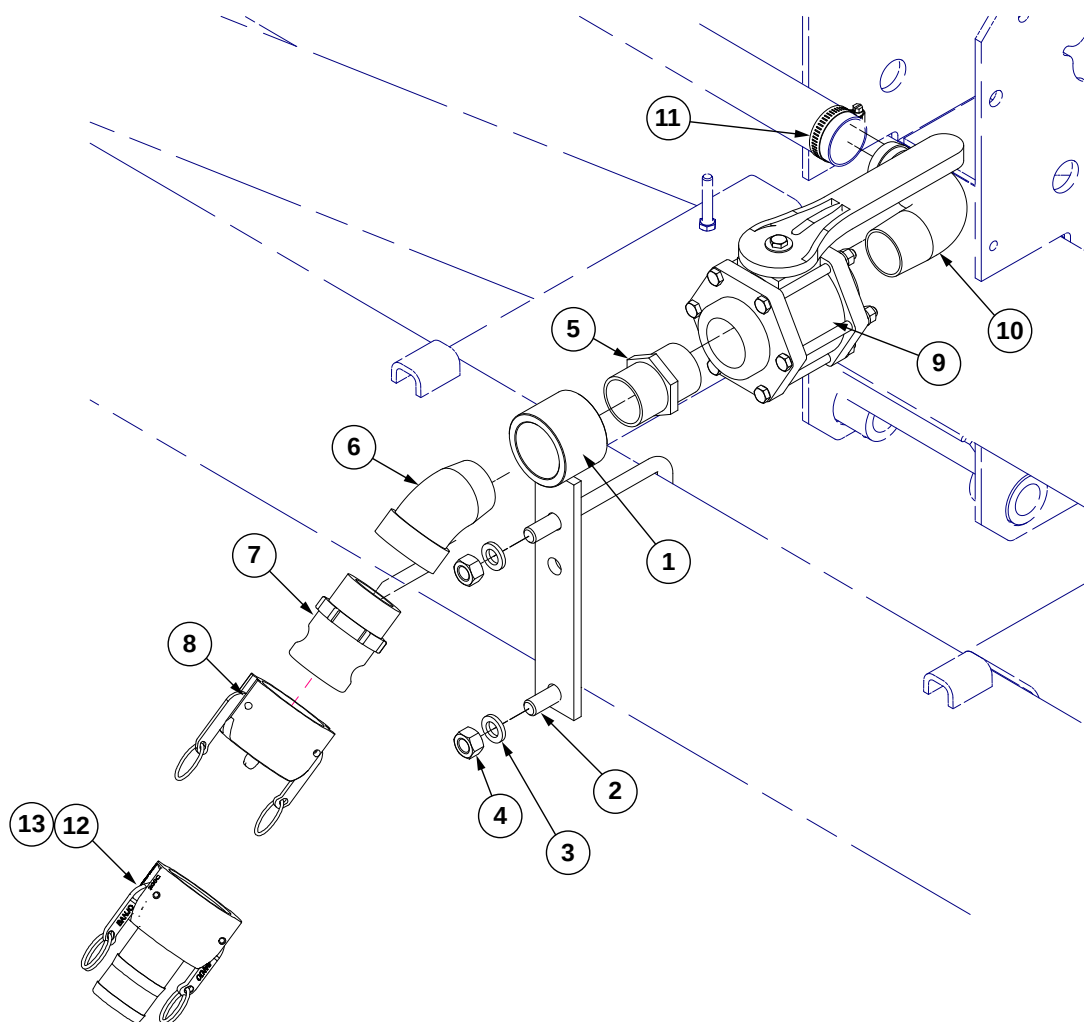
(A25559)

16 Row Shown



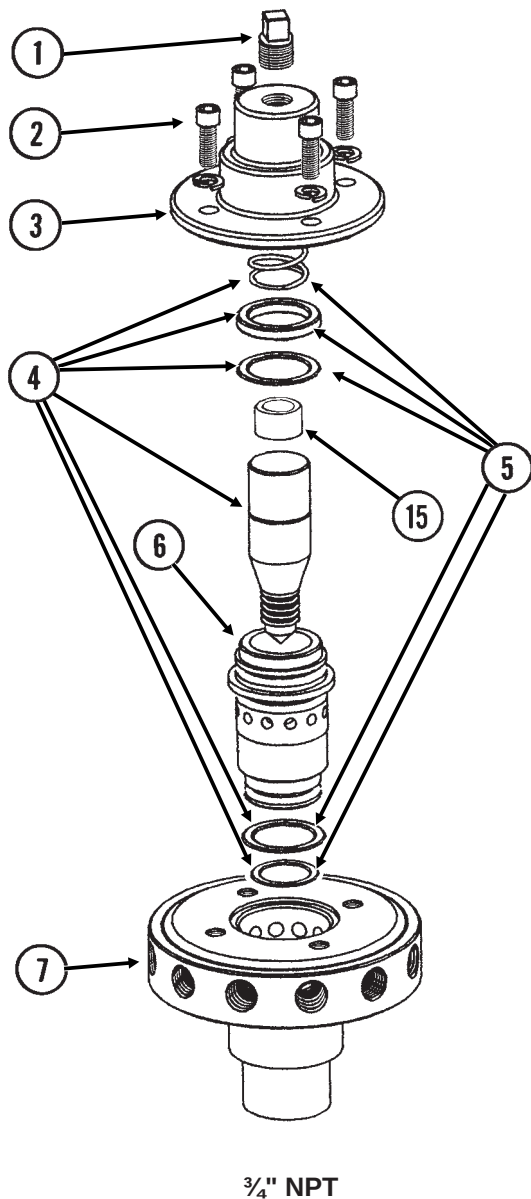
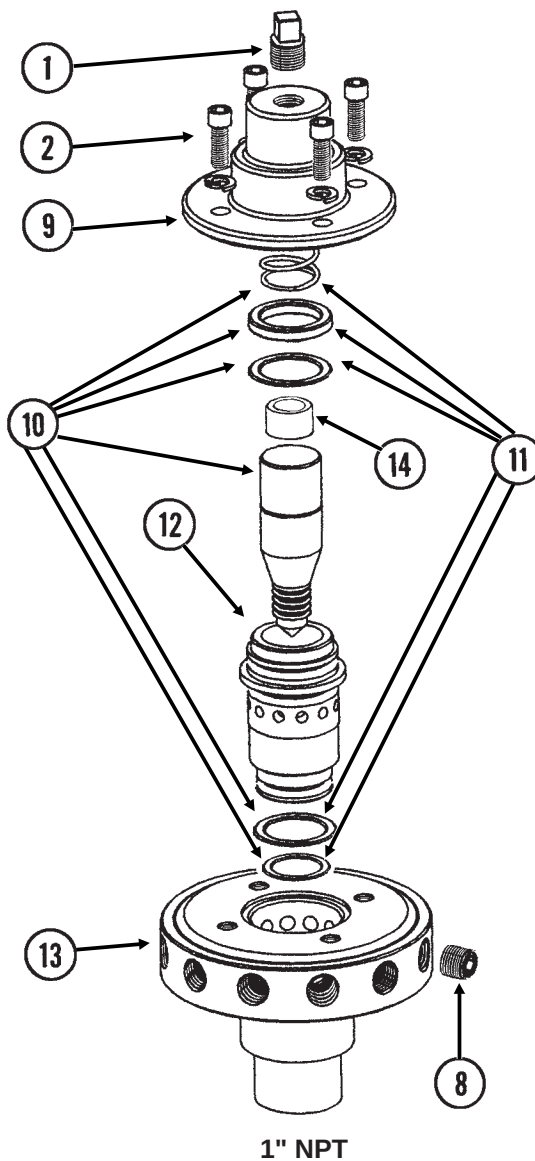
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA8931 GA9407	- -	See "Liquid Fertilizer Piston Pump Flow Divider (GCD)" on page P306 See "Liquid Fertilizer Piston Pump Flow Divider (GCD)" on page P306
2	GD11700	16	Adapter, 1/4" NPT To 3/8" Barb
3	G10681	32	Hose Clamp, No. 6
4	G10995	1	Reducing Bushing, 1" Male NPT To 3/4" Female, Stainless Steel
5	GA6527	1	Mount, 3/4" NPT
6	GD1113	1	U-Bolt, 5" x 7" x 5/8"-11
7	G10230	2	Lock Washer, 5/8"
8	G10104	2	Hex Nut, 5/8"- 11
9	G11083	1	Coupler, 3/4" Female NPT
10	G10917	1	Elbow, 90°, 3/4" NPT To Barb
11	G10278	1	Hose Clamp, No. 16

(A24342)

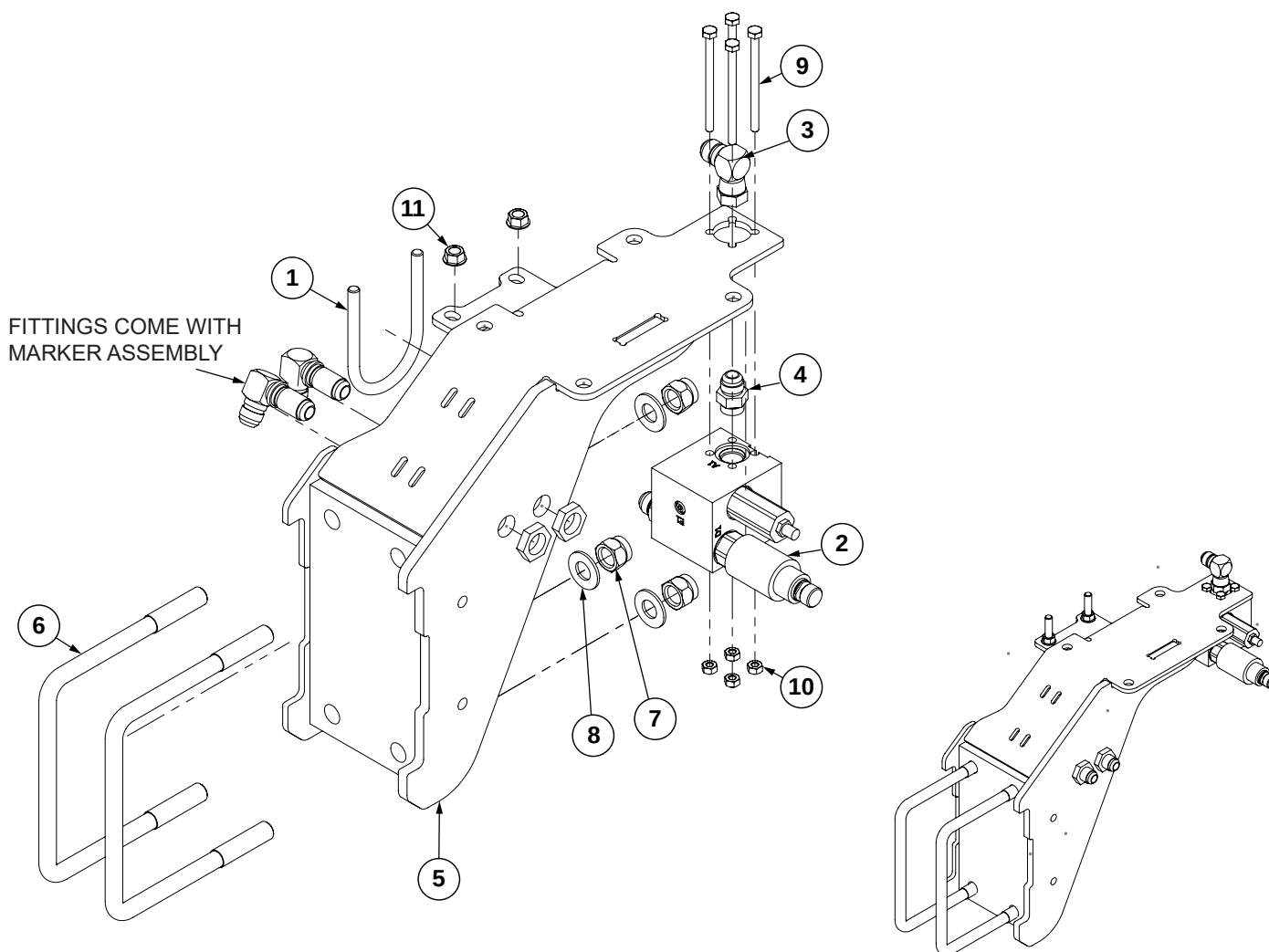


ITEM	PART NO.	QTY.	DESCRIPTION
1	GA7845	1	Quick Fill Mount, 2"
2	GD1113	1	U-Bolt, 5" x 7" x 5/8"-11
3	G11391	2	Flat Washer, 5/8" SAE
4	G10107	2	Lock Nut, 5/8"-11
5	G10623	1	Close Nipple, 2" NPT
6	G10889	1	Elbow, 45°, 2" Male NPT To Female
7	GD3623	1	Adapter, 2" Male NPT To Cam Lock
8	GD3951	1	Dust Cap, 2" Cam Lock
9	GA2660	1	Shutoff Valve, 2" NPT
10	G10630	1	Elbow, 90°, 2" NPT To Barb
11	G10676	1	Hose Clamp, No. 36, Stainless Steel
12	G10317801	1	Coupler, 2" Female x 2" Hose Barb
13	GD10777	1	Female Coupler Plug

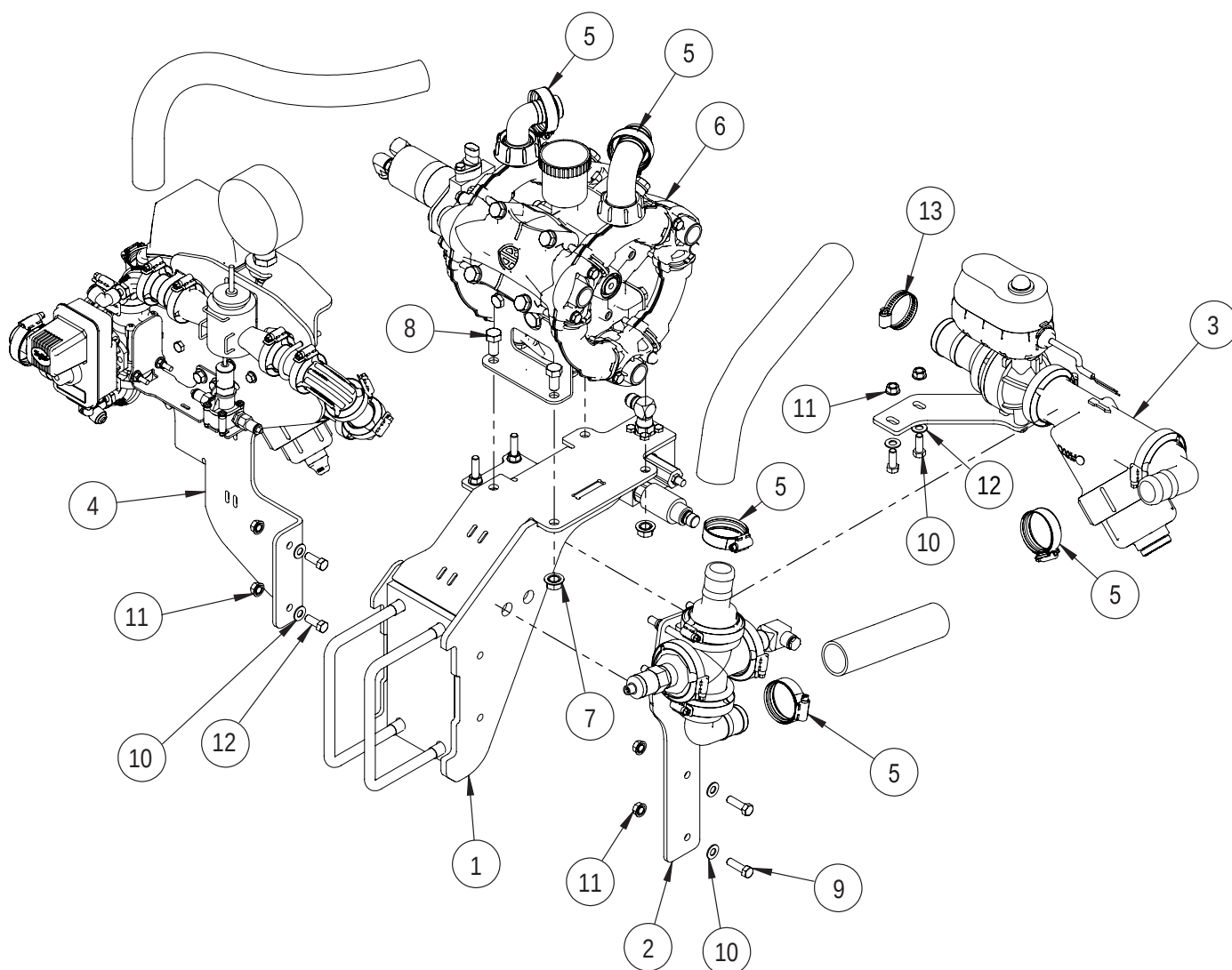
(FRTZ159/PT40a/FRTZ202c)

**Model FD-1200 Flow Divider,
12 Outlet****Model FD-2000 Flow Divider,
20 Outlet**

ITEM	PART NO.	QTY.	DESCRIPTION
1	GR1543	1	Vent Plug
2	GR1542	4	Hex Socket Head Screw, ¼"-20 x ¾"
	GR1541	4	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)

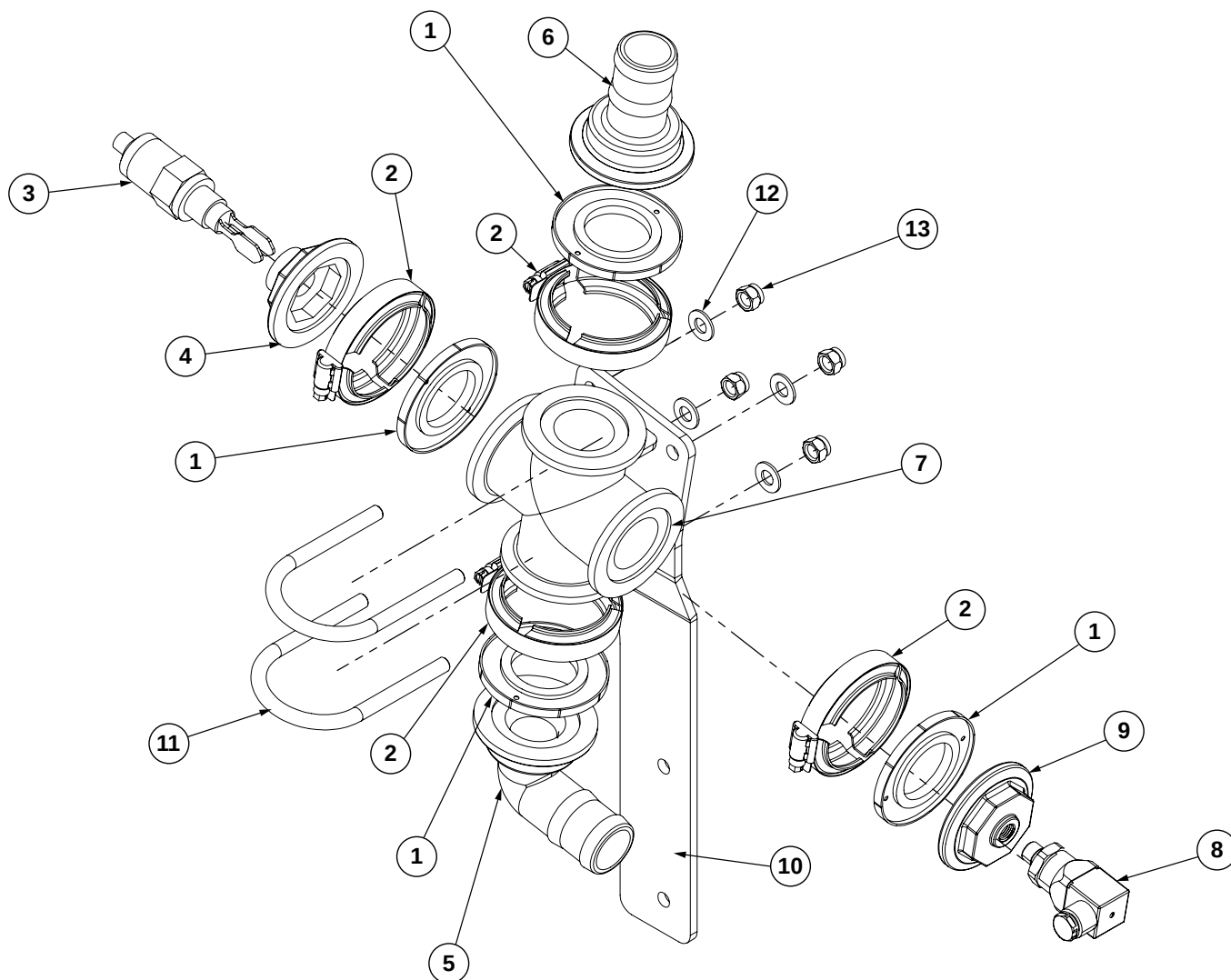


ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10510201	1	U-Bolt, 2-1/2" x 4-5/16"
2		-	See "Fertilizer Pump Hydraulic Block" on page P189
3	G6500-08	1	Swivel Elbow, 90°, 3/4"-16 Male JIC To Female
4	G6400-08	1	Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring
5	G10685701	1	Mount
6	GD1113	2	U-Bolt, 5" x 7" x 5/8"-11
7	G10107	4	Lock Nut, 5/8"-11
8	G11391	4	Flat Washer, 5/8" SAE
9	G11135	4	Hex Head Cap Screw, 1/4"-20 X 3 3/4"
10	G10103	4	Hex Nut, 1/4"-20
11	G11091	2	Serrated Flange Nut, 3/8"-16

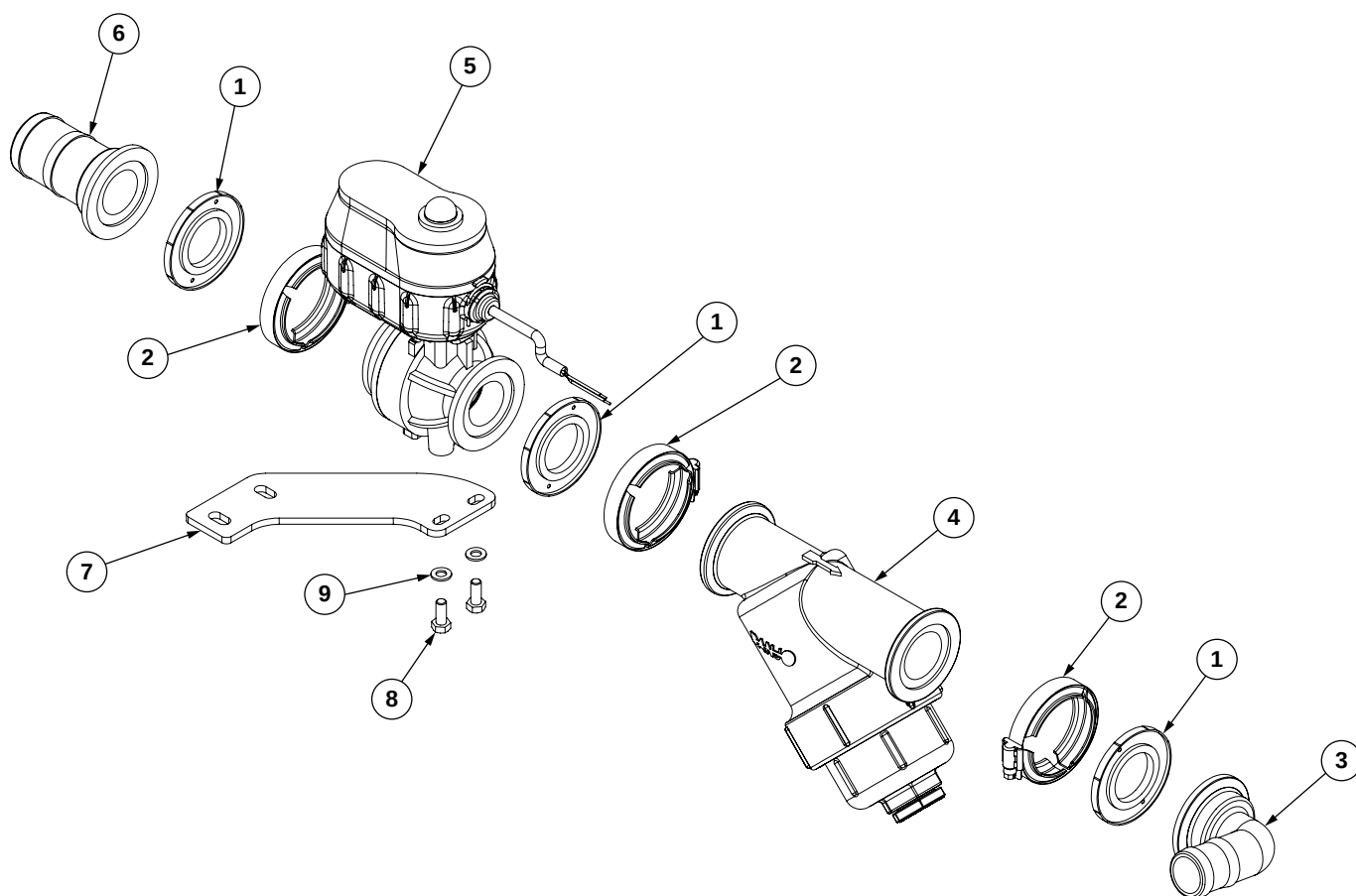


ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	-	-	See "Fertilizer Pump Mount" on page P308
2	-	-	See "Fertilizer Sensors (Blue Drive)" on page P310
3	-	-	See "Diaphragm Fertilizer Pump Ball Valve and Filter (Blue Drive)" on page P311
4	-	-	See "Flow Meter Assembly (Blue Drive)" on page P312
5	G10829101	8	Hose Clamp, 1-5/8" - 2-1/8"
6	-	-	See "Diaphragm Liquid Fertilizer Pump Assembly (Blue Drive)" on page P319
7	G10071	4	Serrated Flange Nut, 1/2"-13
8	G10014	4	Hex Head Cap Screw, 1/2"-13 x 1"
9	G10004	2	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
10	G10203	6	Washer, 3/8" SAE
11	G11091	6	Serrated Flange Nut, 3/8"-16
12	G10001	4	Hex Head Cap Screw, 3/8"-16 x 1"
13	G10676	1	Hose Clamp, No. 36, Stainless Steel

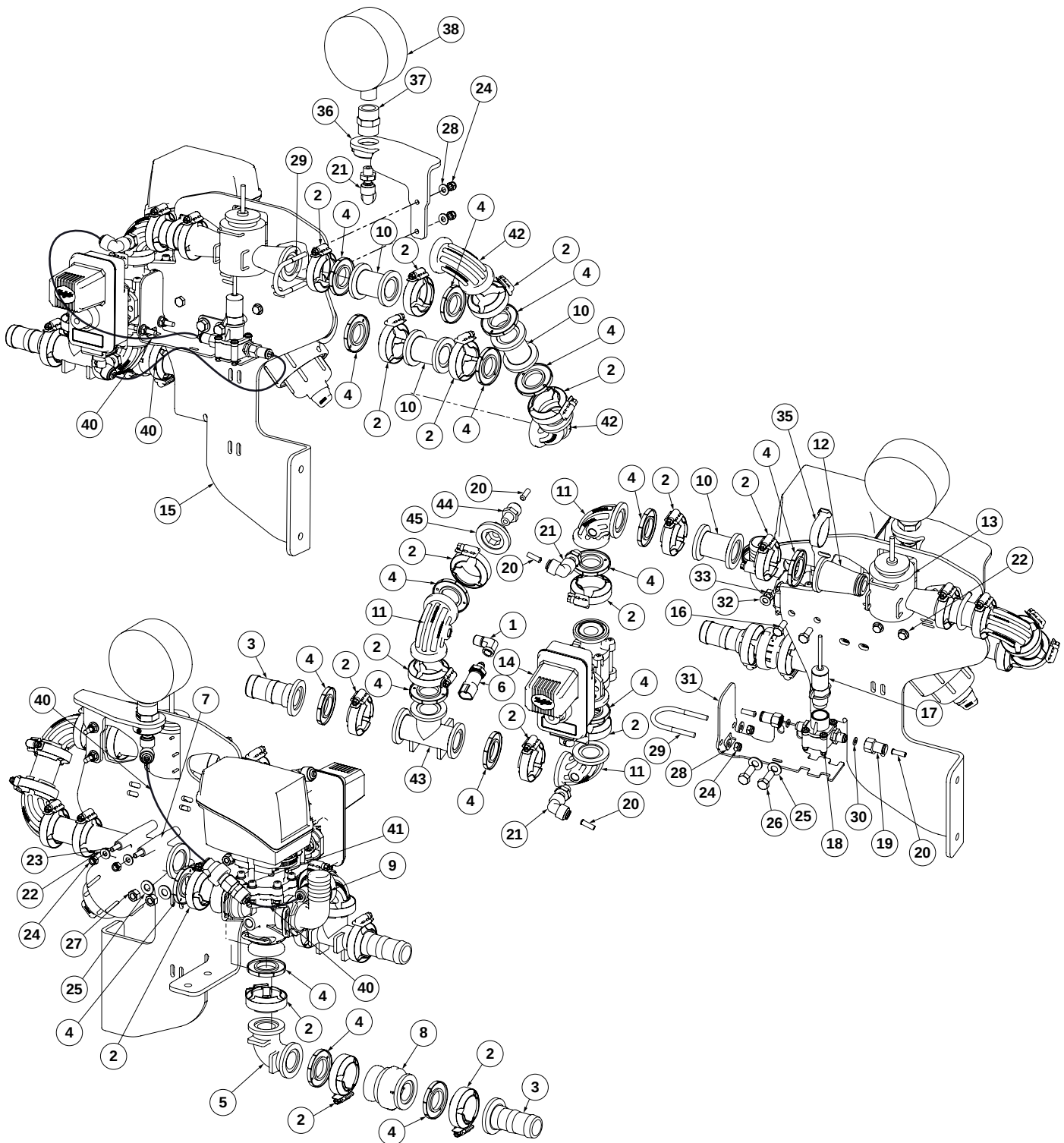
(106785)



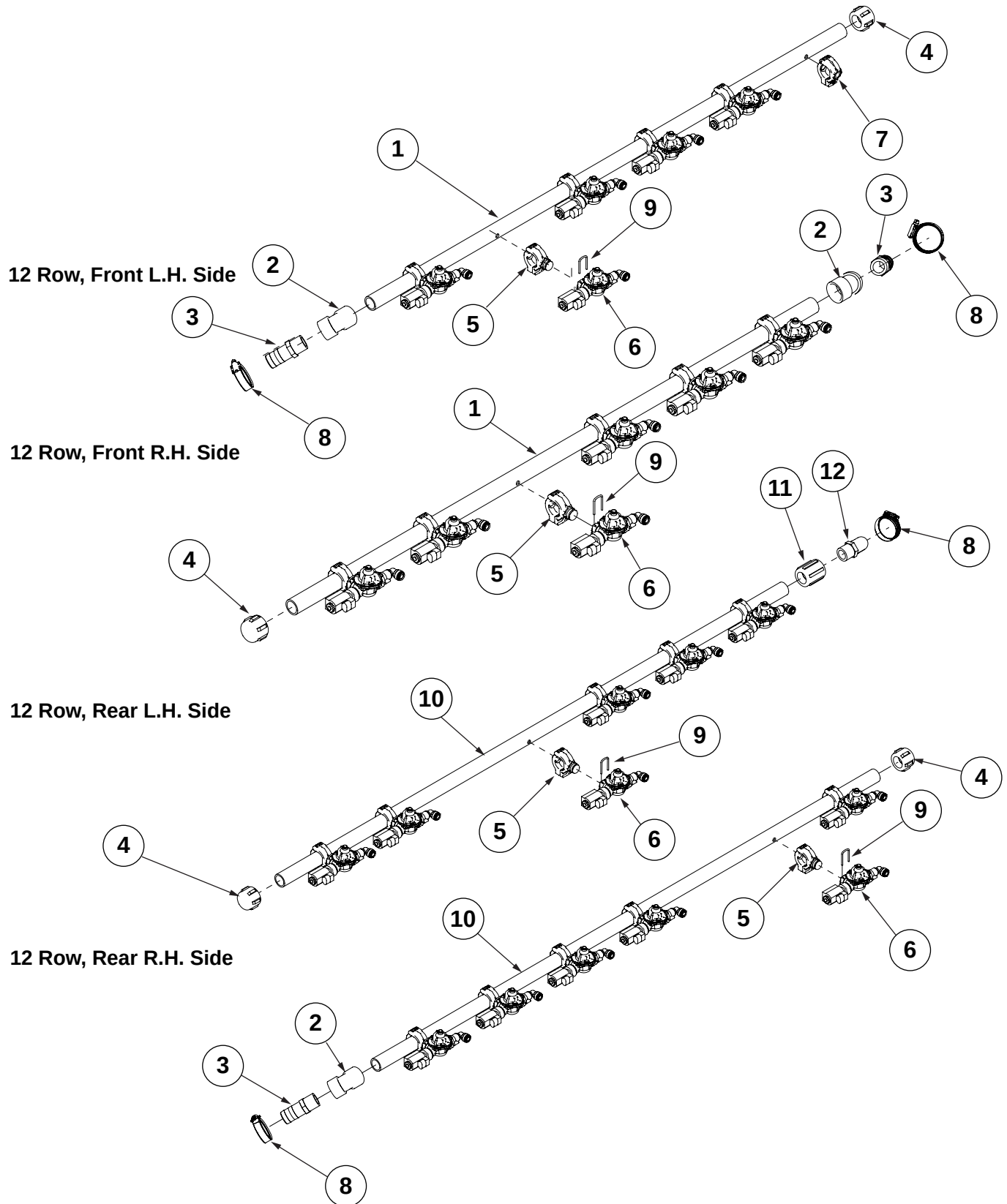
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10406701	4	Skirted Flange Gasket, 2"
2	G11468	4	Flange Clamp SS 75 Series
3	GA18720	1	Liquid Level Sensor
4	G10425201	1	Plug w/ 1/2" Female NPT Port
5	G10437901	1	Elbow, 2" Flange x 1-1/2" Barb, 90°
6	G10464101	1	Adapter, 2" Flanged x 1-1/2" Hose Barb
7	GD26474	1	2" Flanged Cross
8	G11050701	1	Hydraulic Pressure Transmitter Sensor
9	G10474701	1	Plug, 2" Flanged w/ 1/4" FPT Port
10	G10678401	1	Mount Plate for fertilizer sensors
11	G10510201	2	U-Bolt, 2-1/2" x 4-5/16"
12	G11387	4	Hardened Washer, 3/8" SAE
13	G10108	4	Lock Nut, 3/8"-16



ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10406701	3	Skirted Flange Gasket, 2"
2	G11468	3	Flange Clamp SS 75 Series
3	G10437901	1	Elbow, 2" Flange x 1-1/2" Barb, 90°
4	G10398301	1	Manifold "Y" Strainer, 2" w/ 30 Mesh Screen
5	G10406601	1	Electrical Ball Valve
6	G11497	1	Adapter, 2" Flanged x 2" Hose Barb
7	G10682001	1	Ball Valve Mount Plate
8	G12003-20	2	Hex Head Cap Screw, M8-1,20
9	G12081	2	Flat Washer, M8



ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10580101	1	Reducer, 90°, 1/4"-18 NPT Male, X 1/8"-27 Female NPT
2	G11467	18	Flange Clamp SS 50 Series
3	G11458	2	Adapter 1" Flange x 1 1/4" Hose Barb
4	G10406801	18	Gasket, 1", Skirted, Flanged
5	G11574	1	1" Manifold Coupling, 90°
6	GA14804	1	Pressure Sensor (0-120 PSI)
7	G10398701	1	Manifold Strainer, "Y", 1". w/80 Mesh Screen
8	G10466101	1	Check Valve, 1" Manifold, Flanged
9	G10496401	1	Pressure Regulator
10	G11575	4	1" Flanged Straight Coupling
11	G11698	3	90° Elbow with 1/4" Gauge Port Flange Sweep
12	GD26304	2	Flow Meter Flanged Adapter
13	GA14813	1	Flow Meter
14	G10632101	1	Electric Ball Valve, 1" w/ Harness
15	G10681801	1	Filter Mount Plate
16	G12003-20	2	Hex Head Cap Screw, M8-1,20
17	G10629701	1	Sensor, Mini Flow Meter
18	G10629801	1	Mini Flow Meter
19	G10629901	2	Adapter, 1/4" BSP to 3/8" Push to Connect
20	GD29709	6	Support Tube
21	GA21614	3	90° Push-To-Connect Elbow
22	G10211	4	Washer, 1/4" SAE
23	G11203	2	Hex Head Cap Screw, 1/4"-20 x 4 1/2"
24	G10110	6	Lock Nut, 1/4"-20, Grade B
25	G10203	4	Washer, 3/8" SAE
26	G10001	2	Hex Head Cap Screw, 3/8"-16 x 1"
27	G10101	2	Hex Nut, 3/8"-16
28	G11385	4	Flat Washer, 1/4" SAE
29	GD26274	2	U-Bolt, 1-1/2" x 1/4"-20
30	G10636801	2	Sealing Rubber Washer
31	G10663901	1	Bracket, Mini Flow Meter
32	G12081	2	Flat Washer, M8
33	G12083	2	Hex Nut, M8-1,25
34	---	-	---
35	G10176901	1	Cable Tie, 1/2" x 12"
36	G10741301	1	Fertilizer Rail Pressure Gauge Mount
37	G5000-08-04	1	Coupling, 1/2"-14 FNPT x 1/4"-18 FNPT
38	GA21456	1	Pressure Gauge
39	G11242	3	Hex Socket Set Screw, 1/4"-20 x 3/8"
40	G10609002	1	Urethane Tube, 3/8" O.D., x 0.065" x 45"
41	G10771901	1	See "Orifice In-Line Housing" on page P339
42	G10817701	2	Sweep Flange, 90°
43	G11583	1	1" Flanged Manifold Tee
44	GD29625	1	Connector, 1/4" NPT x 3/8"
45	G10618301	1	Flanged Plug, 1" w/ 1/4" Female NPT Port



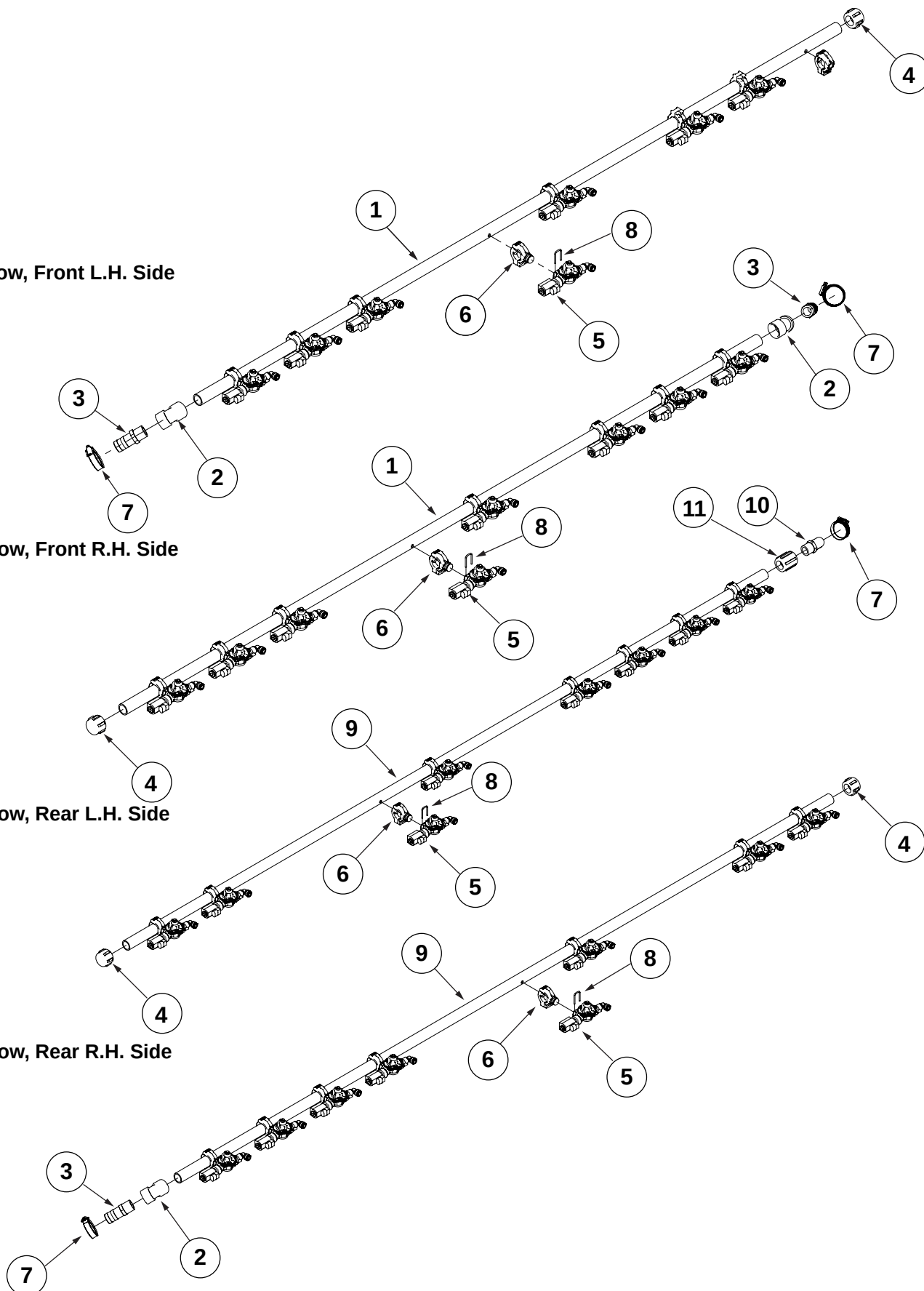
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10865701	-	Manifold Tube, 12 Row Front
2	G10515101	-	1" NPT 45° Connection
3	G10624	-	1" Male NPT x 1-1/4" Hose Barb
4	GD22503	-	1" Pipe Cap
5	G10773801	-	Manifold Clamp
6	G10773301	-	Manifold Row Flow Basic Assembly
7	G10608701	-	Blank Nozzle Body
8	G10829101	-	Hose Clamp
9	G10833001	-	Wire Retention Clip
10	G10865601	-	Manifold Tube, 12 Row Rear
11	G11554	-	1" Pipe Coupling
12	G11460	-	90° Elbow, 1" NPT x 1 1/4" Hose Barb

16 Row, Front L.H. Side

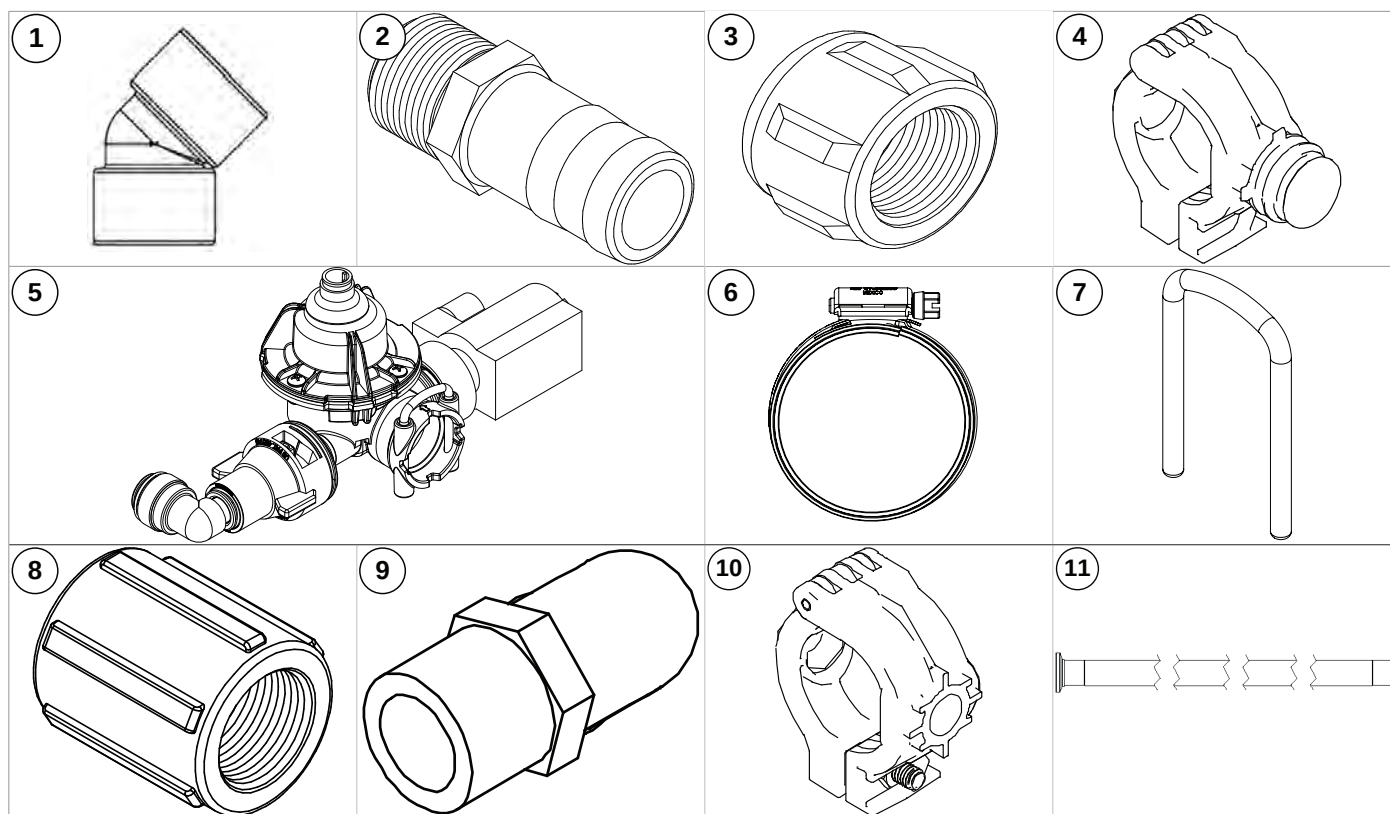
16 Row, Front R.H. Side

16 Row, Rear L.H. Side

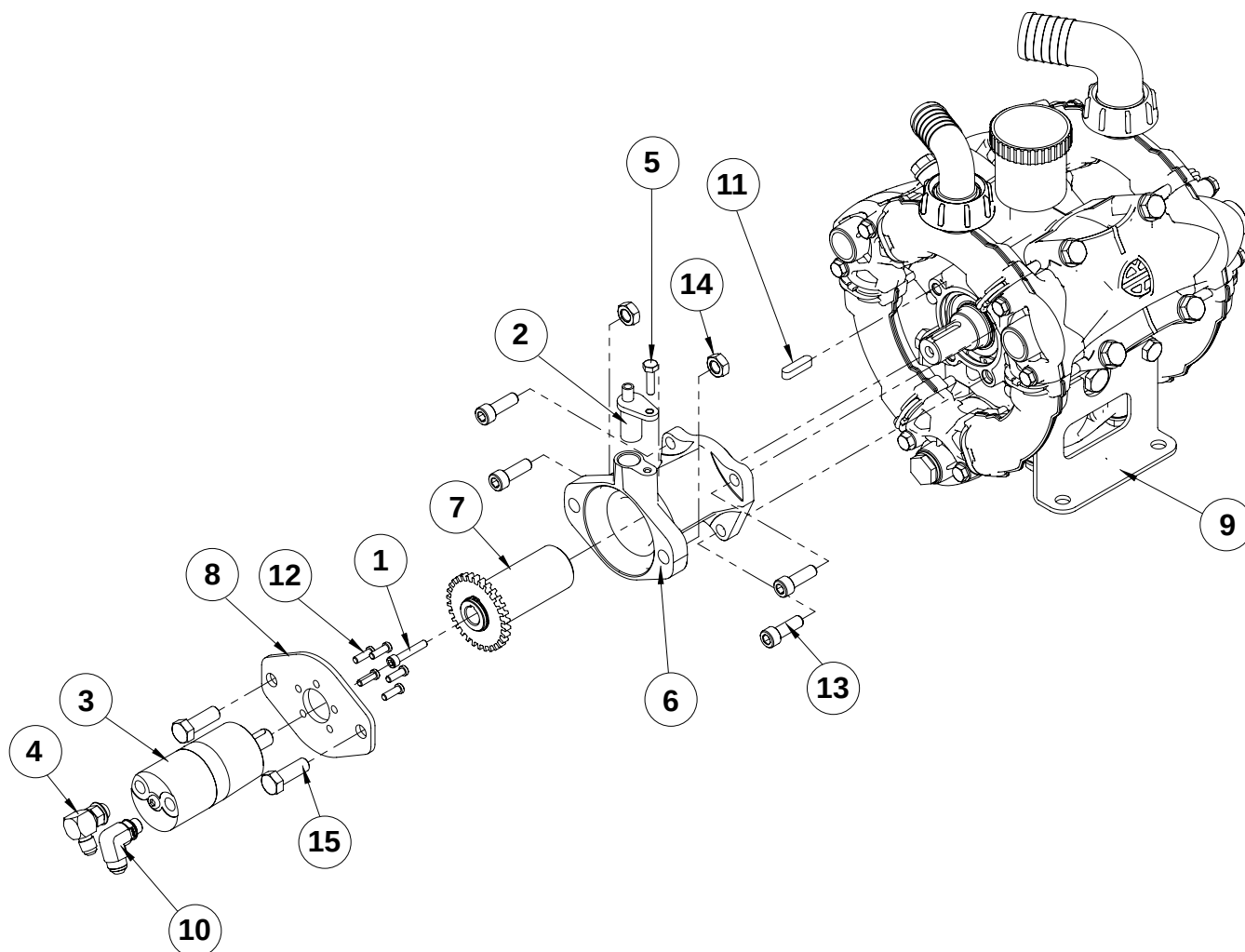
16 Row, Rear R.H. Side



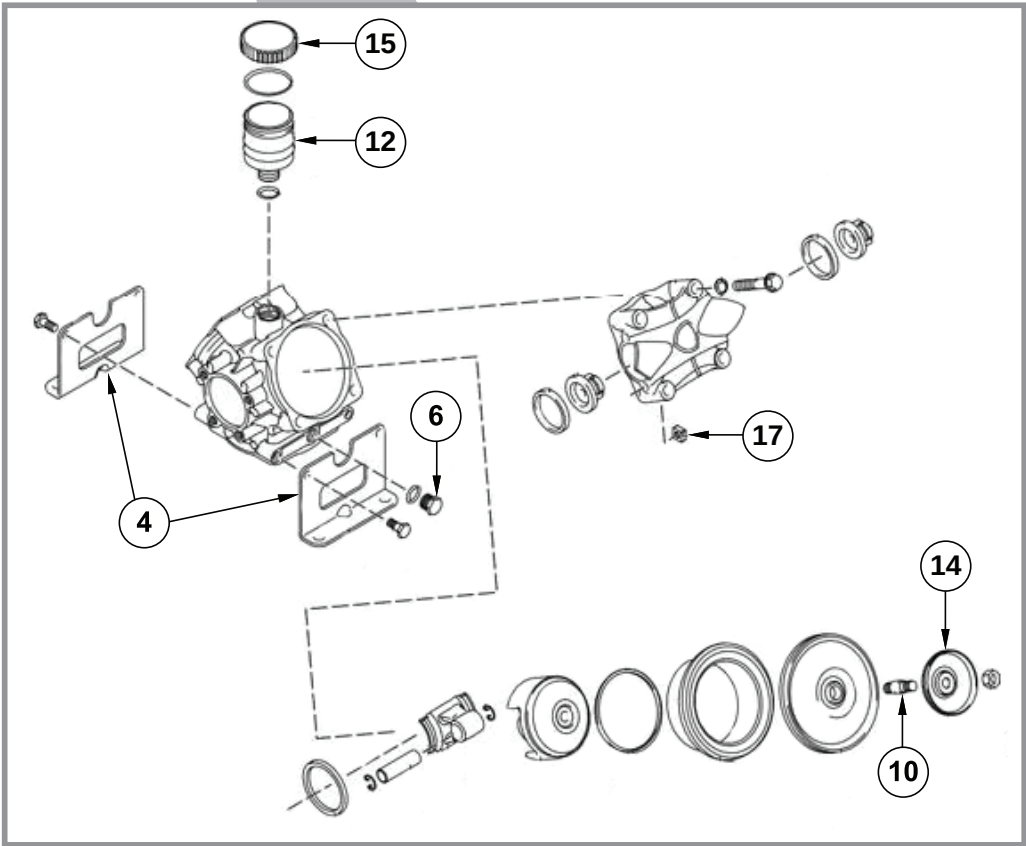
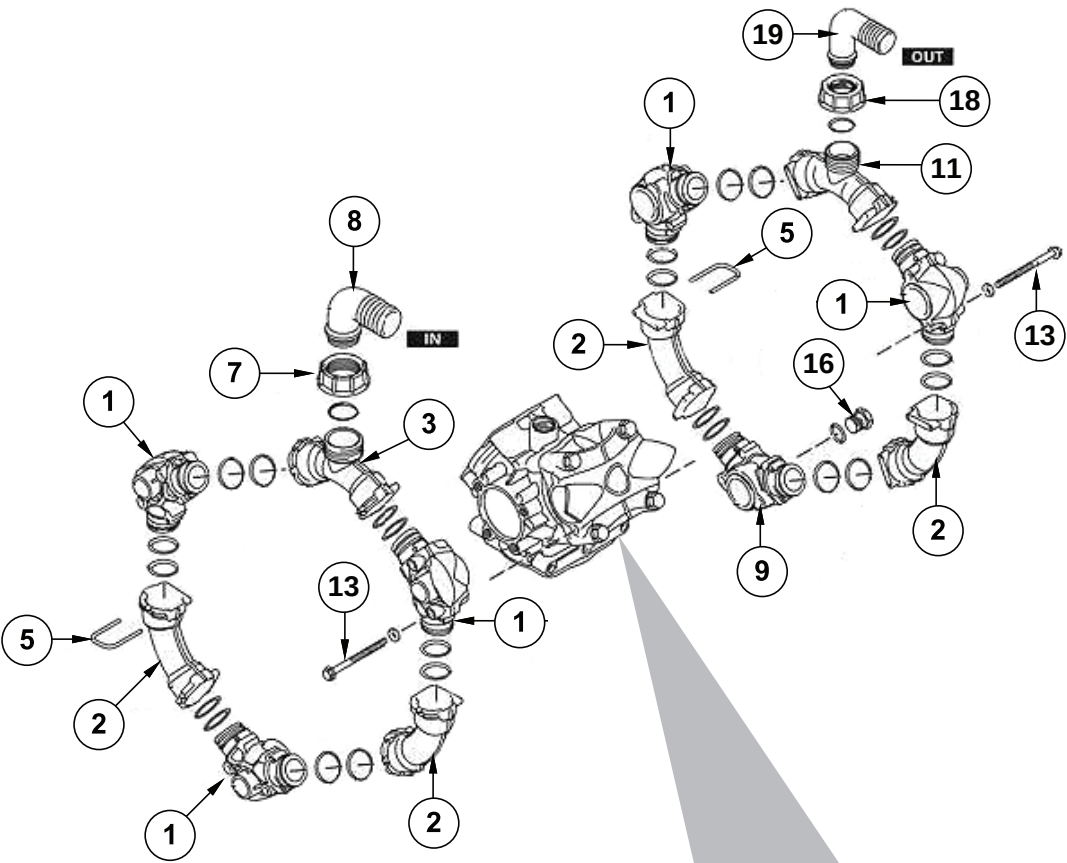
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10865101	-	Manifold Tube, 16 Row Front
2	G10515101	-	1" NPT 45° Connection
3	G10624	-	1" Male NPT x 1-1/4" Hose Barb
4	GD22503	-	1" Pipe Cap
5	G10773301	-	Manifold Row Flow Basic Assembly
6	G10773801	-	Manifold Clamp
7	G10829101	-	Hose Clamp
8	G10833001	-	Wire Retention Clip
9	G10865001	-	Manifold Tube, 16 Row Rear
10	G11460	-	90° Elbow, 1" NPT x 1¼" Hose Barb
11	G11554	-	1" Pipe Coupling



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10515101	-	1" NPT 45° Connection
2	G10624	-	1" Male NPT x 1-1/4" Hose Barb
3	GD22503	-	1" Pipe Cap
4	G10773801	-	Manifold Clamp
5	G10773301	-	Manifold Row Flow Assembly
6	G10829101	-	Hose Clamp
7	G10833001	-	Wire Retention Clip
8	G11554	-	1" Pipe Coupling
9	G11460	-	90° Elbow, 1" NPT x 1 1/4" Hose Barb
10	G10608701	-	Blank Nozzle Body
11	G10865701	-	Manifold Tube, 12 Row Front
	G10865601	-	Manifold Tube, 12 Row Rear
	G10865101	-	Manifold Tube, 16 Row Front
	G10865001	-	Manifold Tube, 16 Row Rear

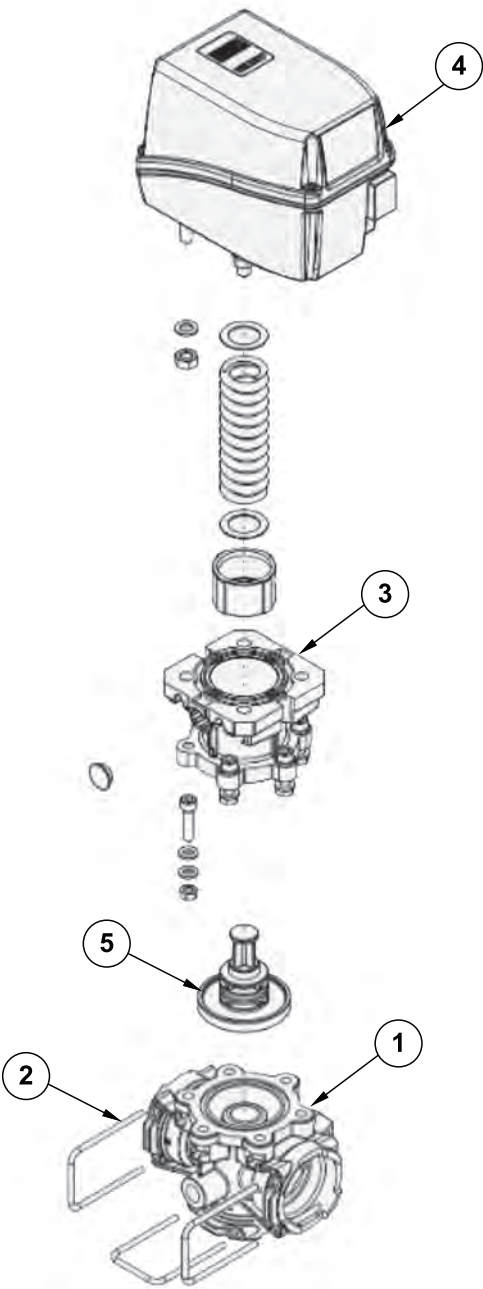


ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G12222-35	1	Hex Socket Head Cap Screw, M6-1.0 x 35MM
2	G10846301	1	Gear Tooth Speed Sensor
3	G10556101	1	Eaton Hydraulic Motor
4	G6801-06	1	Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring
5	G10064	1	Hex Head Cap Screw, 1/4"-20 x 1"
6	G10611001	1	Hydraulic Motor Flange
7	G10556201	1	Coupler w/ Hall Effect Wheel
8	G10814401	1	Hydraulic Motor Mount
9	G10399301	1	Diaphragm Pump
10	G6801-08-06 GR1045	1 -	Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To 9/16"-18 O-Ring O-Ring
11	G10514101	1	Oval Shaft Coupler Key
12	G10532101	5	Hex Socket Head Cap Screw, 1/4"-28 x 3/4"
13	G10922201	4	Hex Socket Head Cap Screw, M10-1. x 30MM
14	G10817601	2	Nylon Hex Lock Nut, M12-1.75
15	G12002-35	2	Hex Head Cap Screw, M12-1.75 x 35
A	G10434301	-	Pump Service Kit
B	G10764101	-	Pump LFP Valve Service Kit
C	G10764001	-	Pump LFP O-Ring Service Kit

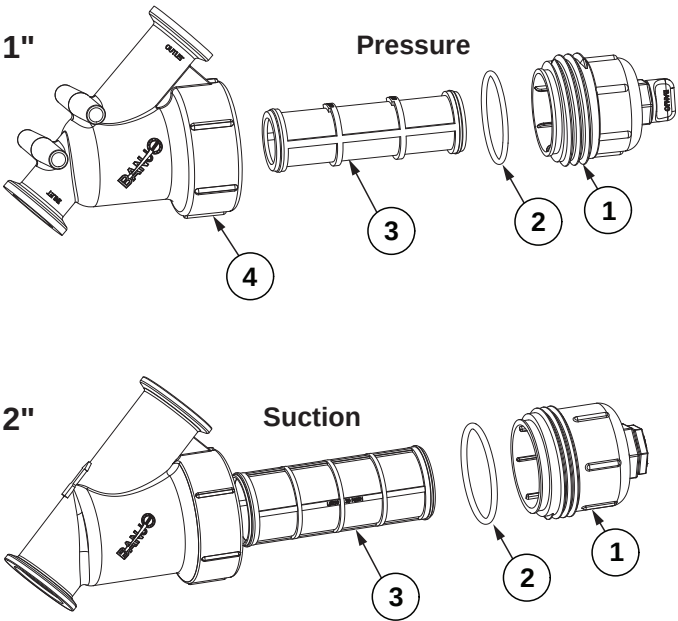


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10976301	5	Manifold
2	G10976401	4	Manifold
3	G10976501	1	Manifold
4	G10975601	2	Foot Mount
5	G10976601	12	Fork Clip
6	G10975701	1	Oil Drain Plug
7	G10976701	1	Ring Nut
8	G10976801	1	Hose Barb, 1 1/2"
9	G10976901	1	Manifold
10	G10976101	3	Hub Pin
11	G10977001	1	Manifold
12	G10975801	1	Tank Sight Glass
13	G10977101	12	Manifold Mount Bolt
14	G10976201	3	Plate
15	G10975901	1	Sight Glass Cap
16	G10977201	1	Drain Plug, Fertilizer
17	G10976001	12	Square Nut, M8
18	G10977301	1	Ring Nut
19	G10977401	1	Hose Barb, 1 1/4"
A	G10399301	1	Diaphragm Pump Assembly
B	G10513001	1	AR Pump Winterizer, No. 64511
C	G10513101	2	AR Pump Oil, No. 6453D
D	G10434301	1	AR120 Pump Service Kit
E	G10764001	1	AR120 Pump LFP O-Ring Service Kit
F	G10764101	1	AR120 Pump LFP Valve Service Kit

(103988)

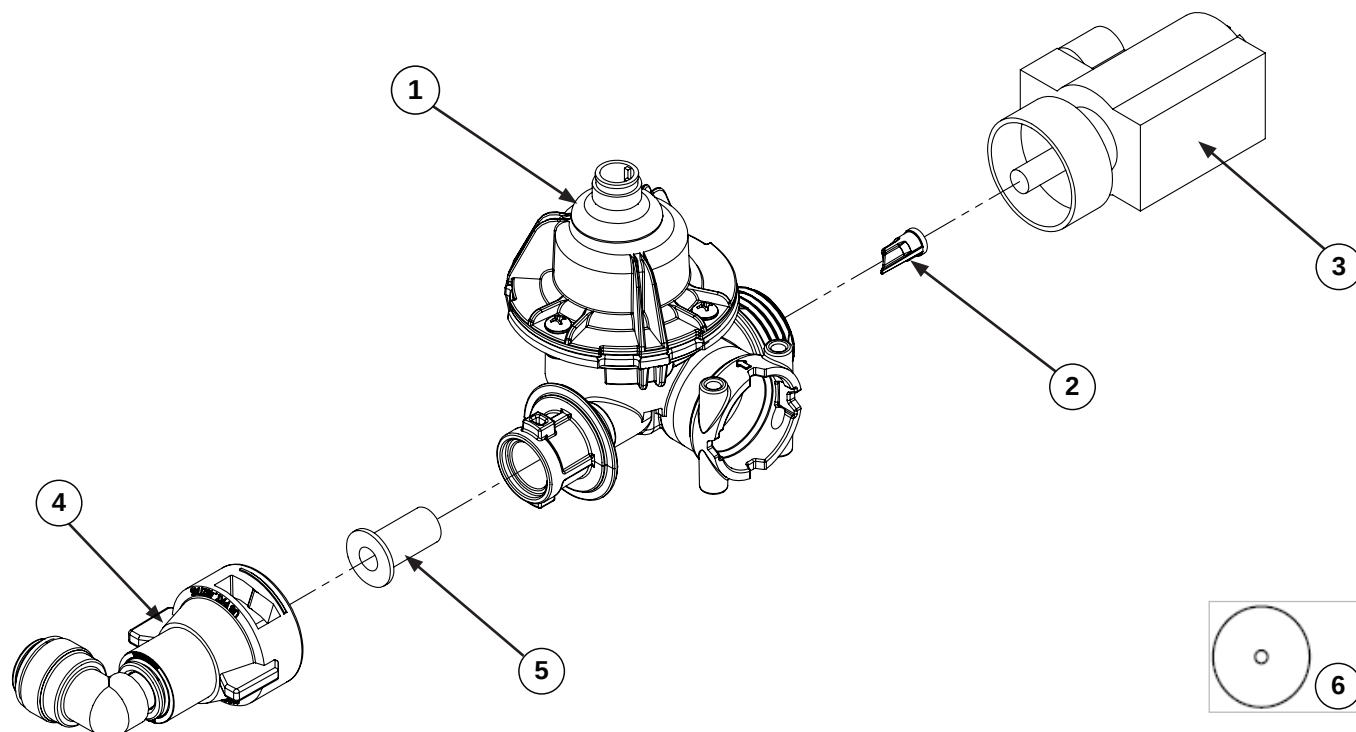


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10974801	1	T5 Body Press Valve
2	G10975101	3	Fork
3	G10974901	1	Motor Support
4	G10975201	1	Motor
5	G10975001	1	Diaphragm and Pressure Valve
A	G10398801	-	T5 Pressure Regulator Assembly (Items 1-5)



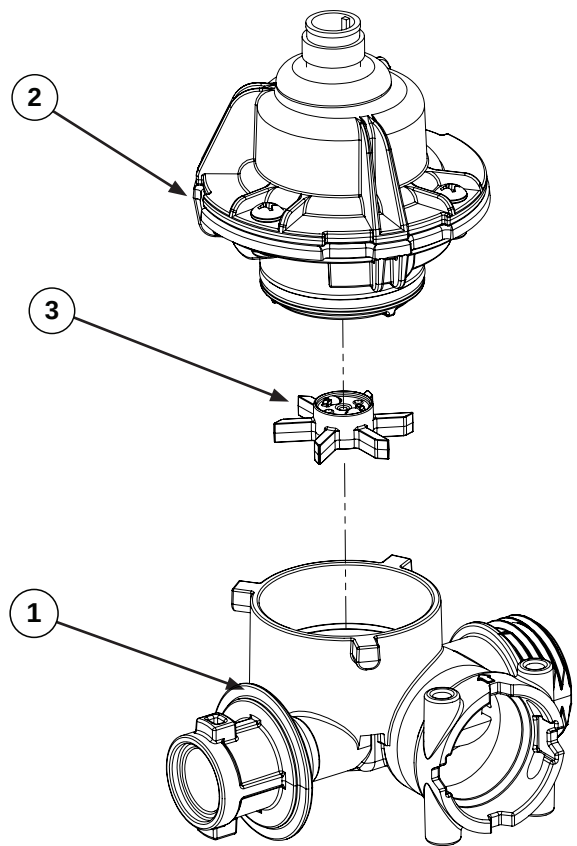
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10974501	1	Cap Assembly, 1"
	G10975401	1	Cap Assembly, 2"
2	G10975501	1	O-Ring, No. 228 (1" Manifold Strainer)
	G10974701	1	O-Ring, No. 339 (2" Manifold Strainer)
3	G10974401	1	80 Mesh Screen (1" Manifold Strainer)
	G10975301	1	30 Mesh Screen (2" Manifold Strainer)
4	G10974601	1	Manifold Body (1" Manifold Strainer Only)
A	G10398701	1	1" Manifold Y Strainer W/80 Mesh Screen (Items 1-4)
B	G10631901	1	2" Manifold Y Strainer W/30 Mesh Screen (Items 1-3)

(107733)



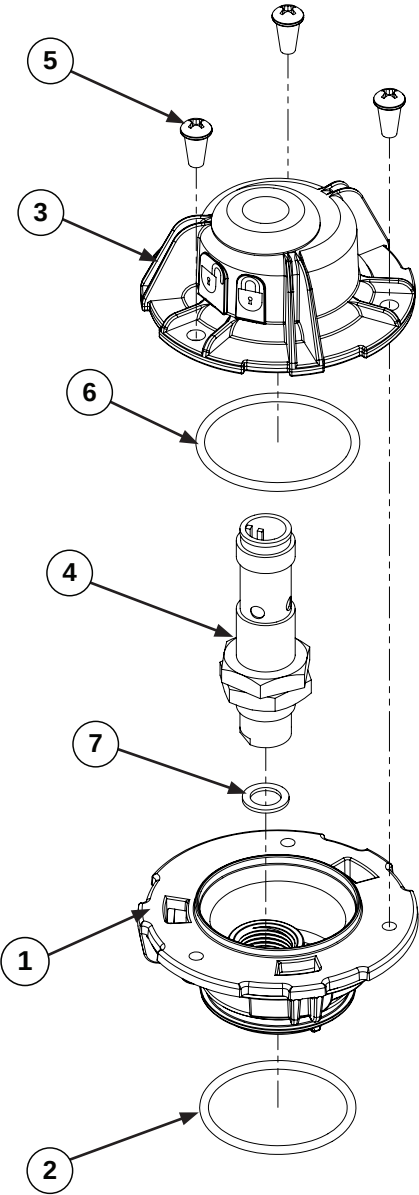
ITEM	PART NO.	QTY.	DESCRIPTION
1	G11007101	1	See "Fertilizer Flow Meter Assembly" on page P325
2	G10773101	1	Flow Meter Orifice, 0.082"
3	GA20732	1	Fertilizer Shut Off
4	G10522501	1	Fertilizer Manifold Cap, 90°
5	GD27290	-	Strainer Nozzle, 50 Mesh
	G10943101	-	Strainer Nozzle, 100 Mesh
	G10943201	-	Strainer Nozzle, 200 Mesh (should be ordered separately)
6	G10804001	-	Orifice Package, .015 (24/Pkg)
	GA17118	-	Orifice Package, .020 (24/Pkg)
	GA17119	-	Orifice Package, .025 (24/Pkg)
	GA19160	-	Orifice Package, .028 (24/Pkg)
	GA19161	-	Orifice Package, .032 (24/Pkg)
	GA19162	-	Orifice Package, .037 (24/Pkg)
	GA19163	-	Orifice Package, .041 (24/Pkg)
	GA19164	-	Orifice Package, .048 (24/Pkg)
	GA19165	-	Orifice Package, .055 (24/Pkg)
	GA19166	-	Orifice Package, .065 (24/Pkg)
	G10804002	-	Orifice Package, .072 (24/Pkg)
	GA19167	-	Orifice Package, .075 (24/Pkg)
	G10804003	-	Orifice Package, .078 (24/Pkg)
	G10804004	-	Orifice Package, .086 (24/Pkg)
	G10804005	-	Orifice Package, .103 (24/Pkg)

(110071)



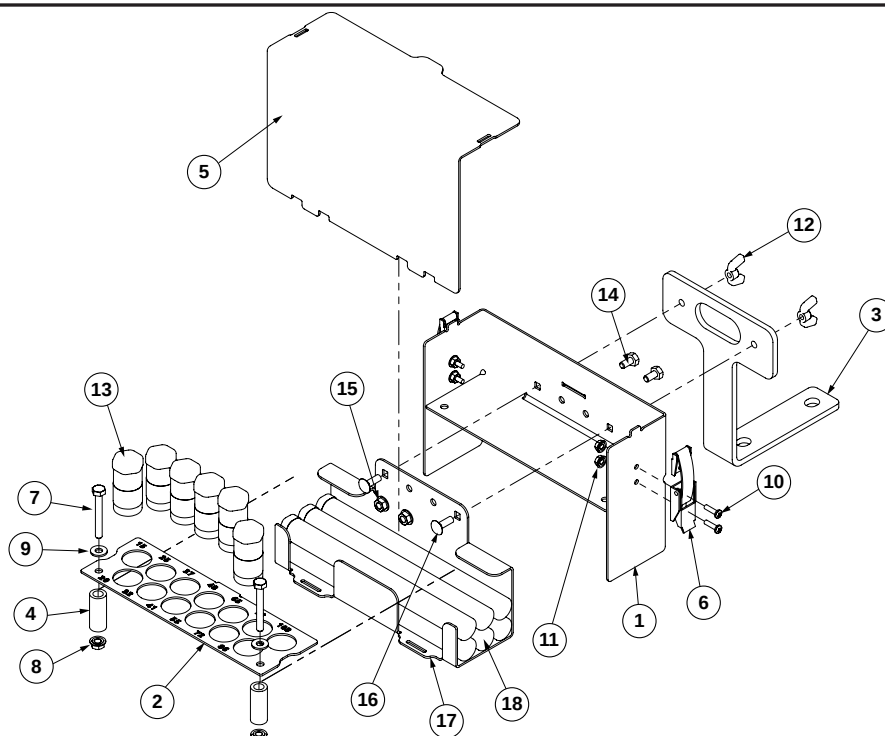
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10772302	1	Manifold Fertilizer Flow Meter
2	G10772601	1	See "Fertilizer Flow Meter Cover" on page P326
3	G10773001	1	Fertilizer Flow Meter Paddle Wheel Assembly

(107726)

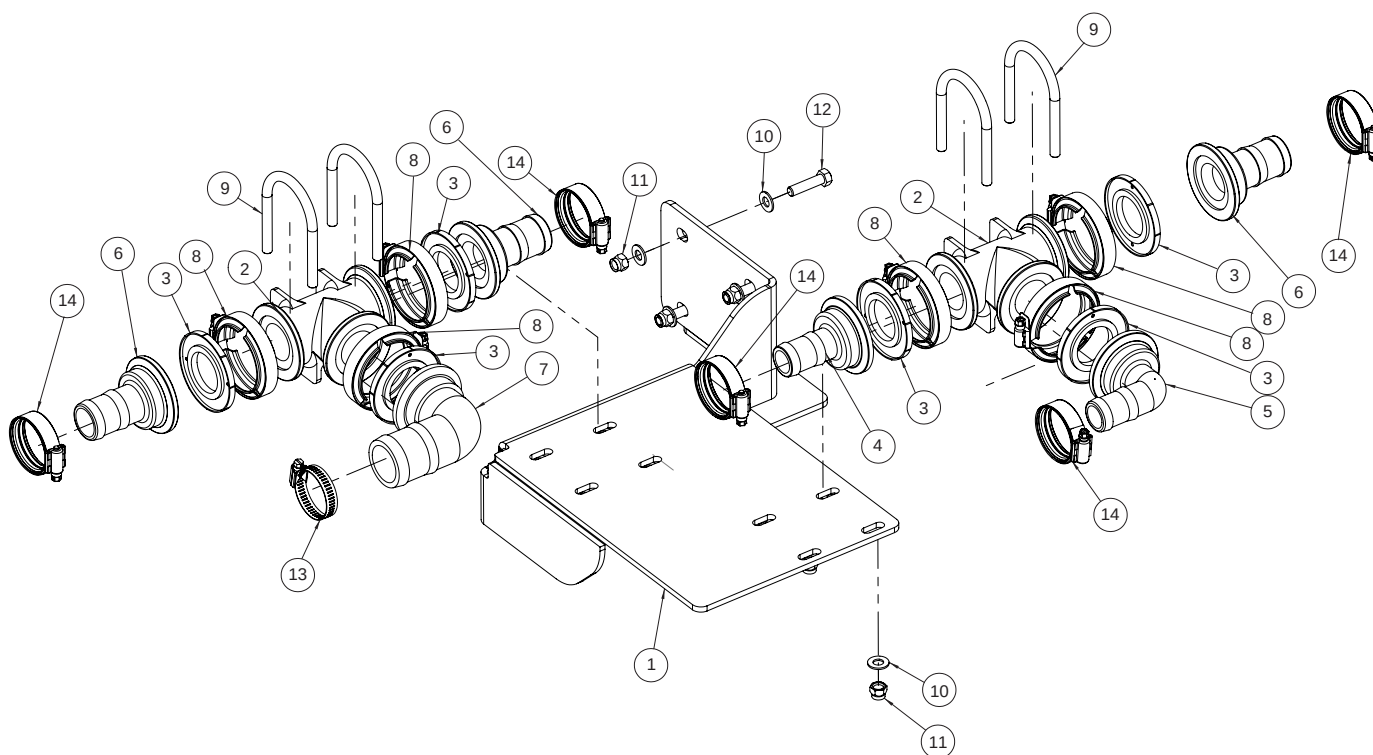


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10832301	1	Fertilizer Flow Meter Cover
2	G10772501	1	O-Ring, No. 24
3	G10832401	1	Dust Cap Assembly
4	G10832701	1	Proximity Sensor
5	G10963001	3	Phillips Pan Head Tapping Screw, 6-19 x 5/16"
6	G10833101	1	O-Ring, No. 25
7	G10840901	1	Plastic Shim, 3/8" x 1/4" x .03"

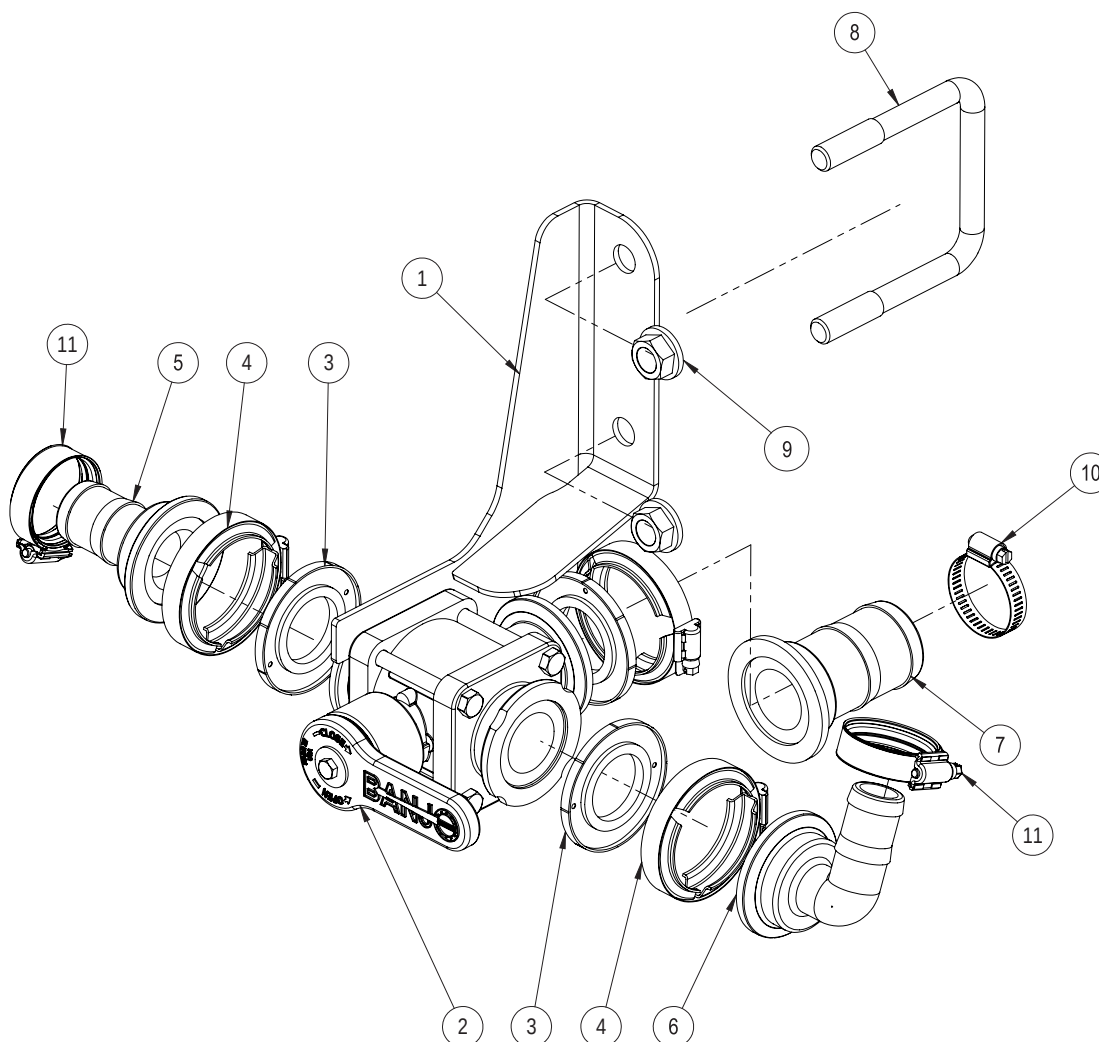
(109873)



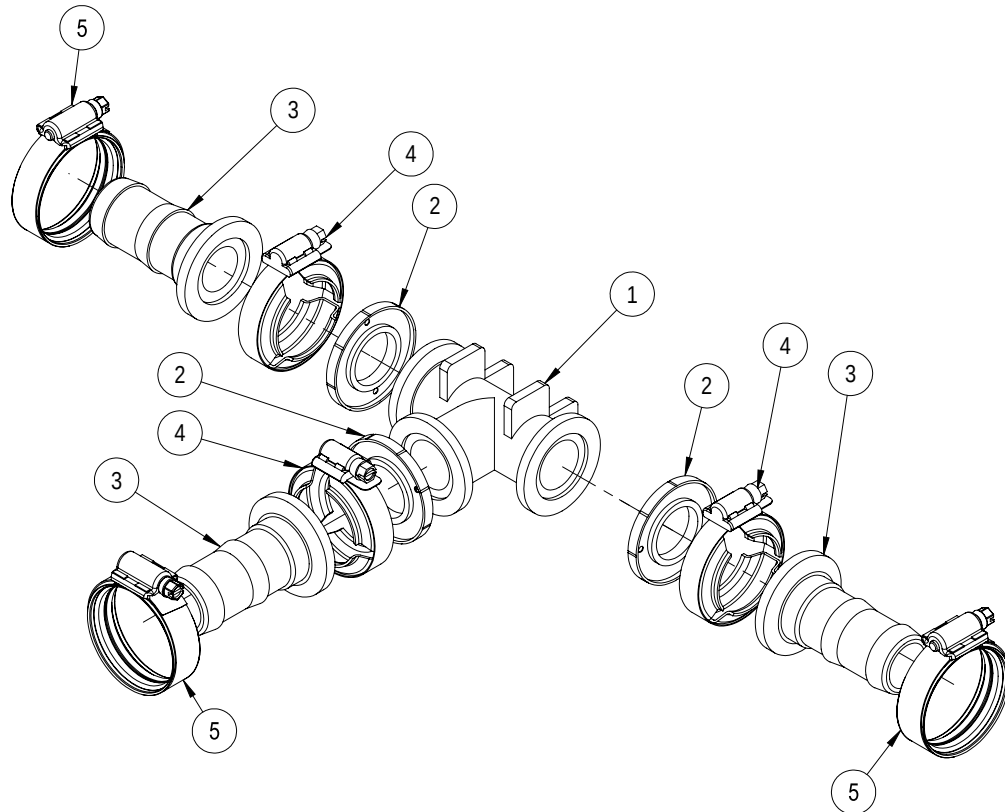
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10986901	1	Orifice Storage Box Body
2	G10987001	1	Orifice Storage Holed Plate
3	G10986801	1	Orifice Storage Box Holder
4	GD23773	2	Spacer
5	G10986701	1	Orifice Storage Box Cover Plate
6	GA12641	2	Cover Latch
7	G10638	2	Bolt 1/4-20X2
8	G10621	2	Serrated Flange Nut, 1/4"-20
9	G11385	2	Flat Washer, 1/4" SAE
10	G11065	4	Phillips Pan Head Machine Screw, No. 8-32 x 5/8", Stainless Steel
11	G11241	4	Serrated Flange Nut
12	G10531	2	Wing Nut W/Nylon Insert, 1/4"-20
13	G10820001	-	Orifice Twist Pack w/ Decal, 0.015 (24 Orifices/Pkg)
	G10820002	-	Orifice Twist Pack w/ Decal, 0.020 (24 Orifices/Pkg)
	G10820003	-	Orifice Twist Pack w/ Decal, 0.025 (24 Orifices/Pkg)
	G10820004	-	Orifice Twist Pack w/ Decal, 0.028 (24 Orifices/Pkg)
	G10820005	-	Orifice Twist Pack w/ Decal, 0.032 (24 Orifices/Pkg)
	G10820006	-	Orifice Twist Pack w/ Decal, 0.037 (24 Orifices/Pkg)
	G10820007	-	Orifice Twist Pack w/ Decal, 0.041 (24 Orifices/Pkg)
	G10820008	-	Orifice Twist Pack w/ Decal, 0.048 (24 Orifices/Pkg)
	G10820009	-	Orifice Twist Pack w/ Decal, 0.055 (24 Orifices/Pkg)
	G10820010	-	Orifice Twist Pack w/ Decal, 0.065 (24 Orifices/Pkg)
	G10820011	-	Orifice Twist Pack w/ Decal, 0.072 (24 Orifices/Pkg)
	G10820012	-	Orifice Twist Pack w/ Decal, 0.078 (24 Orifices/Pkg)
	G10820013	-	Orifice Twist Pack w/ Decal, 0.086 (24 Orifices/Pkg)
	G10820014	-	Orifice Twist Pack w/ Decal, 0.103 (24 Orifices/Pkg)
14	G10022	2	Hex Head Cap Screw, 1/4"-20 x 1/2"
15	G10621	4	Serrated Flange Nut, 1/4"-20
16	G10310	2	Carriage Bolt, 1/4"-20 x 3/4", Grade 2
17	G10987201	1	Plate For Filter Storage
18	G10991001	6	Twist Pack, 16mm
19	GD27290	-	Strainer Nozzle, 50 Mesh



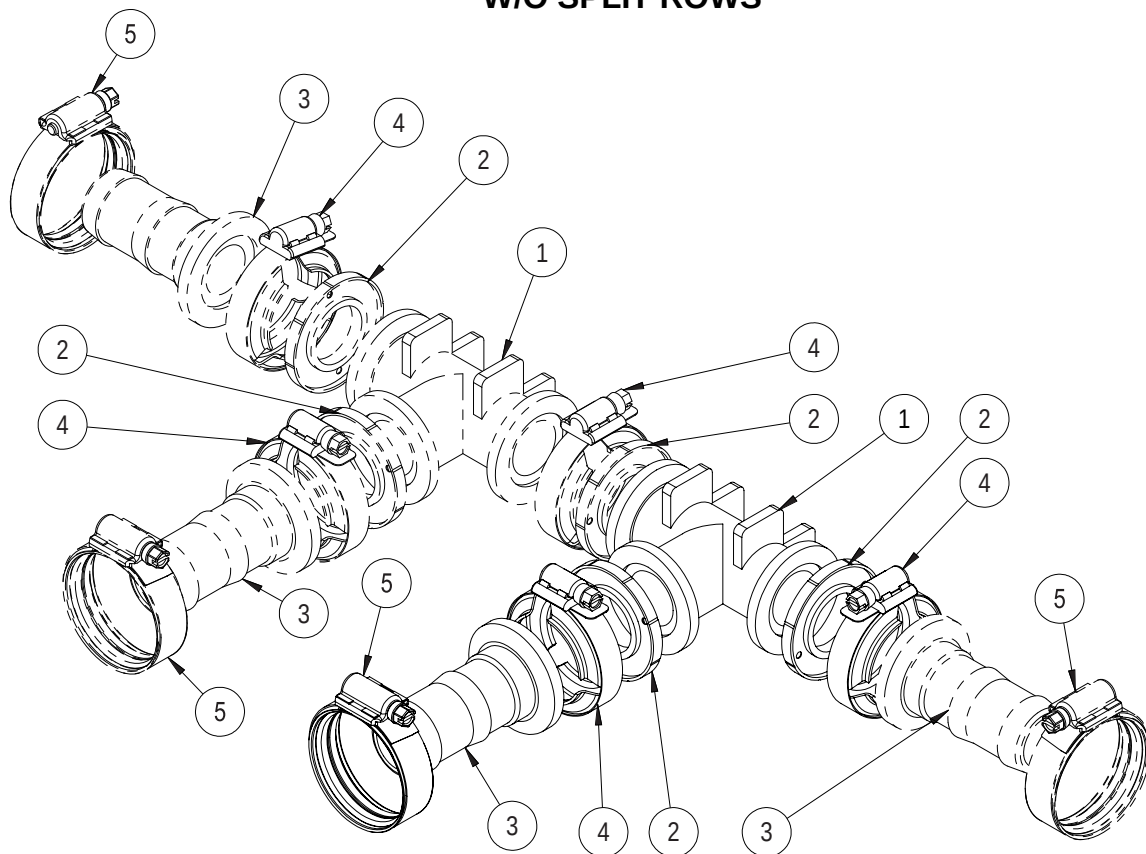
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10643001	1	Tee Mount
2	G11508	2	Tee, 2" Port Flange
3	G10406701	6	Gasket, 2" Skirted Flange
4	G11494	1	Adapter, 2" Flange x 1 1/4" Hose Barb
5	G10473901	1	Adapter, 90°, 2" Flange x 1 1/4" Hose Barb
6	G10464101	3	Adapter, 2" Flange x 1-1/2" Hose Barb
7	G11457	1	Elbow, 2" Flange x 2" Hose Barb, 90°
8	G11468	6	Flange Clamp SS 75 Series
9	G10610201	4	U-Bolt, 2-1/2" x 3-13/16", 3/8"-16
10	G10203	16	Washer, 3/8" SAE
11	G10901	12	Lock Nut W/Nylon Insert, 3/8"-16
12	G10003	4	Hex Head Cap Screw, 3/8"-16 x 1 1/2"
13	G10676	1	Hose Clamp, No. 36, Stainless Steel
14	G10829101	5	Hose Clamp, 1-5/8" - 2-1/8"



ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10640401	1	Valve Mount
2	G10612801	1	2" Flanged 3-Way Ball Valve Assy
3	G10406701	3	Gasket 2" Skirted Flanged
4	G11468	3	Flange Clamp SS 75 Series
5	G10464101	1	Adapter, 2" Flange x 1-1/2" Hose Barb
6	G10473901	1	Adapter, 2" Flange x 1-1/4" Hose Barb
7	G11497	1	Adapter, 2" Flange x 2" 90° Barb
8	GD32368	1	U-Bolt, 3" x 4" x 5/8"-11
9	G11415	2	Serrated Flange Nut, 5/8"-11
10	G10676	1	Hose Clamp, No. 36, Stainless Steel
11	G10829101	2	Hose Clamp, 1-5/8" - 2-1/8"



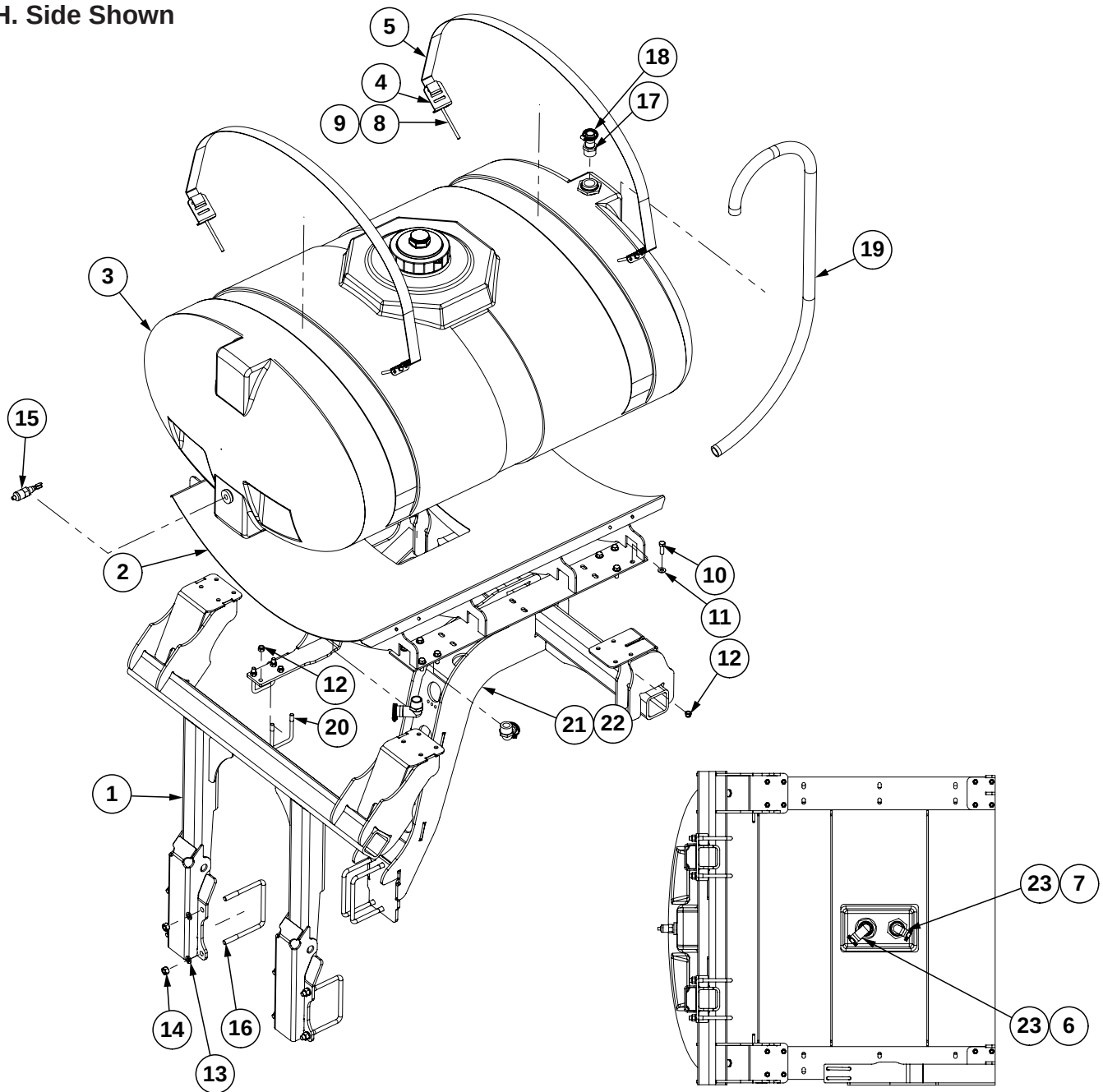
W/O SPLIT ROWS



WITH SPLIT ROWS

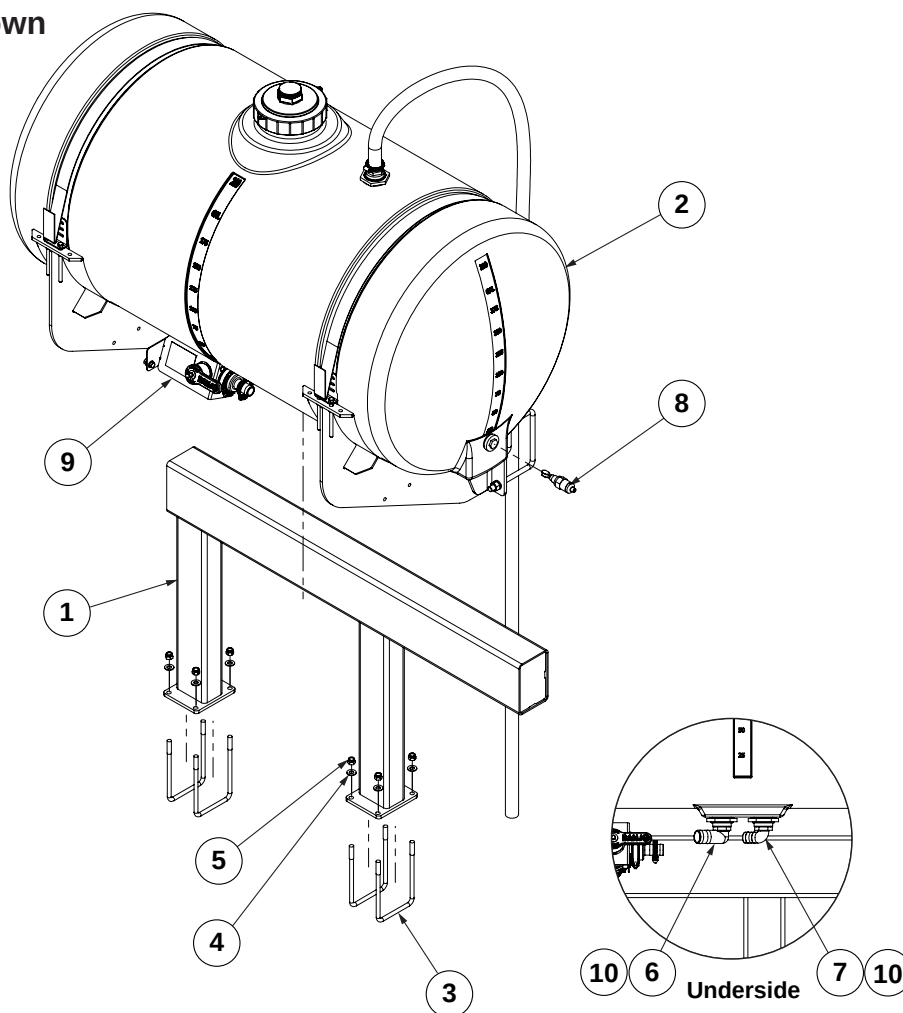
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G11583	-	1" Flanged Manifold Tee
2	G10406801	-	Gasket, 1" Skirted Flange
3	G11458	-	Adapter 1" Flange x 1¼" Hose Barb
4	G11467	-	Flange Clamp SS 50 Series
5	G10829101	-	Hose Clamp, No. 24

L.H. Side Shown



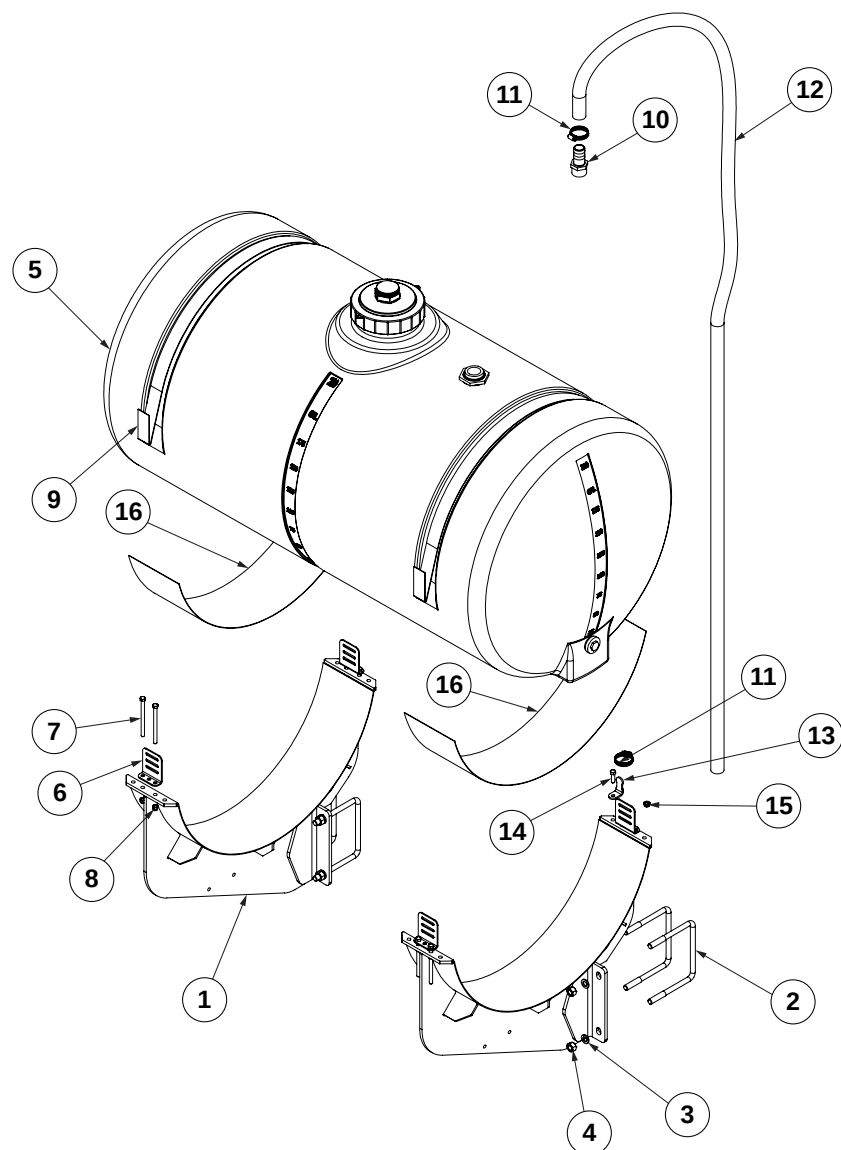
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10642901	1	Front Tank Mount
2	GA13632	1	Tank Saddle
3	G10685001	1	300 Gal. Elliptical Tank w/ Fittings
4	GD11123	4	Anchor
5	GD15605-300	2	Strap, 1-3/4" width
6	G10444801	1	Elbow, 90°, 1 1/4" x 1-1/2" Hose Barb
7	G10629	1	Elbow, 90°, 1 1/4" NPT To Barb
8	G10485	4	Hex Head Cap Screw, 3/8"-16 x 5"
9	G10901	4	Lock Nut W/Nylon Insert, 3/8"-16
10	G10017	18	Hex Head Cap Screw, 1/2"-13 x 1 1/2"
11	G11389	16	Flat Washer, 1/2" Plated SAE
12	G10111	20	Lock Nut, 1/2"-13
13	G10230	12	Lock Washer, 5/8"
14	G10104	12	Hex Nut, 5/8"-11
15	GA18720	1	Liquid Level Sensor
16	GD1113	6	U-Bolt, 4" x 7" x 1/2"-13
17	G10626	1	Adapter, 1 1/4" NPT To Barb
18	G10674	1	Hose Clamp, No. 24
19	G4602-03	1	Black Helix Hose, 1 1/4" x 100'
20	GD4743	2	U-Bolt, 3" x 3" x 1/2"-13
21	G4431-01	2	Edge Molding, 3/8" x 19"
22	G10641801	1	L.H. Tank Mount
	G10641901	1	R.H. Tank Mount
23	G10829101	2	Hose Clamp, 1-5/8" - 2-1/8"

R.H. Side Shown

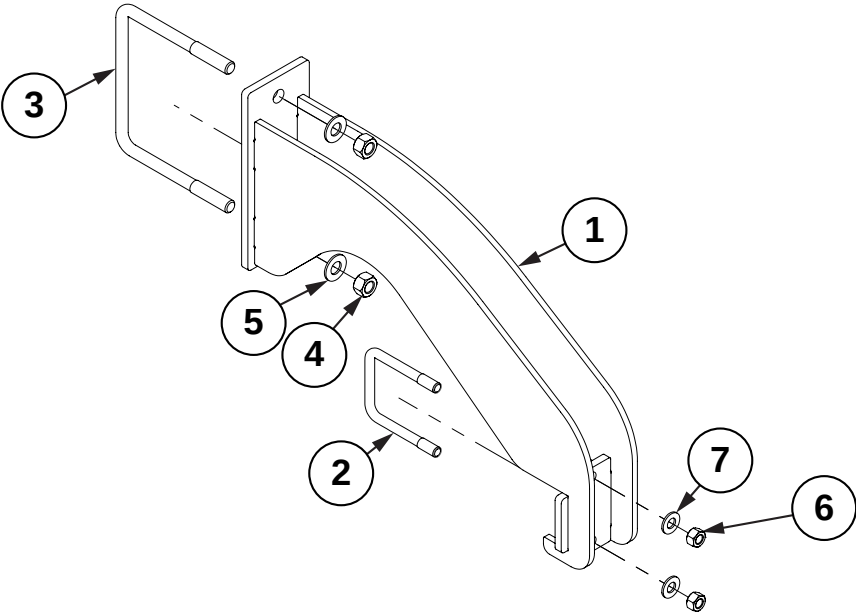


ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10707401	1	200 Gal. Liquid Tank Mount
2	G10708101	1	See "Liquid Fertilizer 200 Gal. Tank Pre-Assembly (Blue Drive)" on page P335
3	GD8306	4	U-Bolt, 7" x 5" x 1/2"-13
4	G11389	8	Flat Washer, 1/2" Plated SAE
5	G10111	8	Lock Nut, 1/2"-13
6	G10444801	1	Elbow, 90°, 1 1/4" x 1-1/2" Hose Barb
7	G10629	1	Elbow, 90°, 1 1/4" NPT To Barb
8	GA18720	1	Liquid Level Sensor
9	G10666701	1	See "3-Way Valve Unit Assembly (Blue Drive Liquid Fertilizer)" on page P329
10	G10829101	2	Hose Clamp, 1-5/8" - 2-1/8"

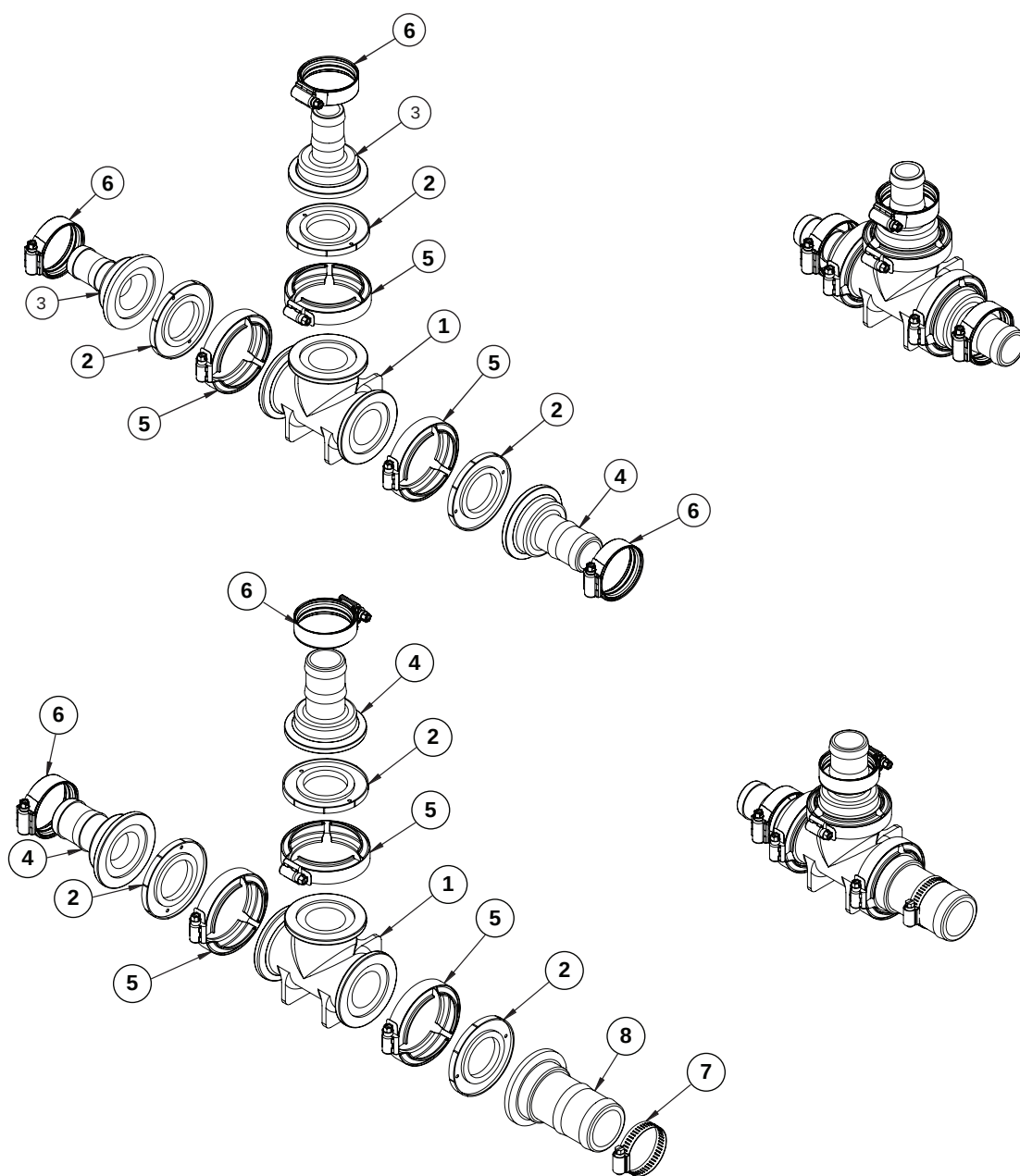
Blue Drive Only



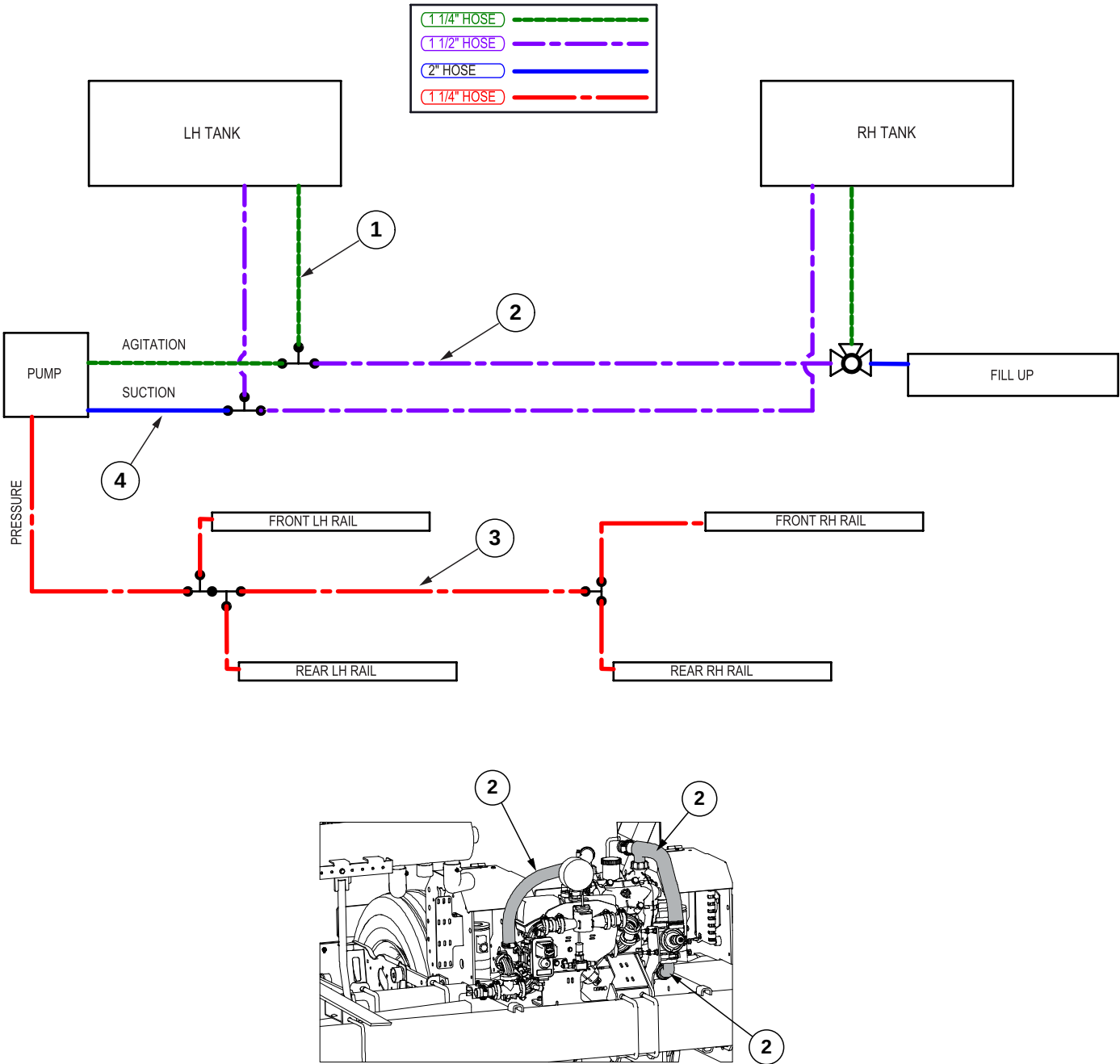
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10630101	2	200 Gal. Tank Mount
2	GD1113	4	U-Bolt, 5" x 7" x 5/8"-11
3	G10230	8	Lock Washer, 5/8"
4	G10104	8	Hex Nut, 5/8"-11
5	G10685101	1	200 Gal. Oval Tank w/ Fittings (MY23 and beyond w/ Blue Drive)
6	GD11123	4	Anchor
7	G10485	8	Hex Head Cap Screw, 3/8"-16 x 5"
8	G10901	8	Lock Nut W/Nylon Insert, 3/8"-16
9	GD11124	2	Strap, 84"
10	G10626	1	Adapter, 1 1/4" NPT To Barb
11	G10674	2	Hose Clamp, No. 24
12	G4602-03	1	Black Helix Hose, 1 1/4" x 100'
13	GD20060	1	Hose Bracket
14	G10004	1	Hex Head Cap Screw, 3/8"-16 x 1 1/4"
15	G11091	1	Serrated Flange Nut, 3/8"-16
16	GD1862	1	Tank Pad, 8" x 14' Roll



ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10630101	2	200 Gal. Tank Mount
2	GD1113	4	U-Bolt, 5" x 7" x 5/8"-11
3	GD10230	8	Split Locking Nut, 2"-12, Grade 2
4	G10104	8	Hex Nut, 5/8"-11
5	G10685101	1	200 Gal. Oval Tank w/ Fittings (MY23 and beyond w/ Blue Drive)
6	GD11123	4	Anchor
7	G10485	8	Hex Head Cap Screw, 3/8"-16 x 5"



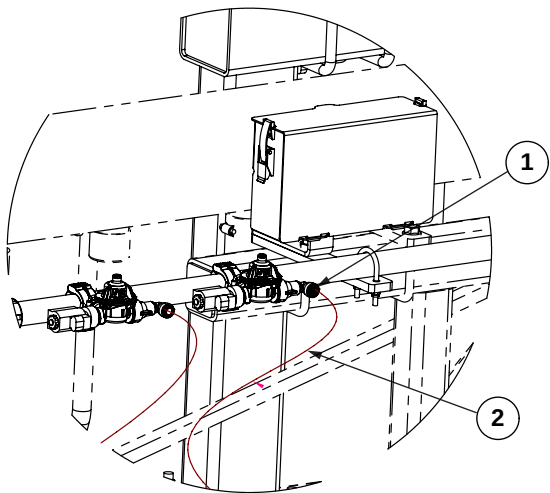
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G11508	-	Tee, 2" Port Flange
2	G10406701	-	Gasket, 2" Skirted Flange
3	G11494	-	Adapter, 2" Flange x 1½" Hose Barb
4	G10464101	-	Adapter, 2" Flange x 1½" Hose Barb
5	G11468	-	Flange Clamp SS 75 Series
6	G10829101	-	Hose Clamp, 1-5/8" - 2-1/8"
7	G10676	-	Hose Clamp, No. 36, Stainless Steel
8	G11497	-	Adapter, 2" Flange x 2" Hose Barb



ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	G10616801	-	HOSE EPDM/POLYETHYLENE HELIX 1.8 OD X 1-1/4 ID X 1200 IN
2	G10616701	-	HOSE EPDM/POLYETHYLENE HELIX 2.1 OD X 1-1/2 ID X 1200 IN
3	G10616501	-	HOSE EPDM/WIRE HELIX 1.61 OD X 1-1/4 ID X 1200 IN
4	G10616601	-	HOSE EPDM/POLYETHYLENE HELIX 2.6 OD X 2 ID X 1200 IN

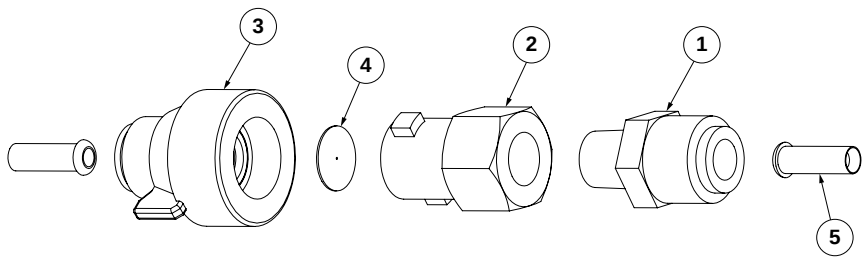
*Fertilizer hoses sold in bulk only.

Delivery Tubes

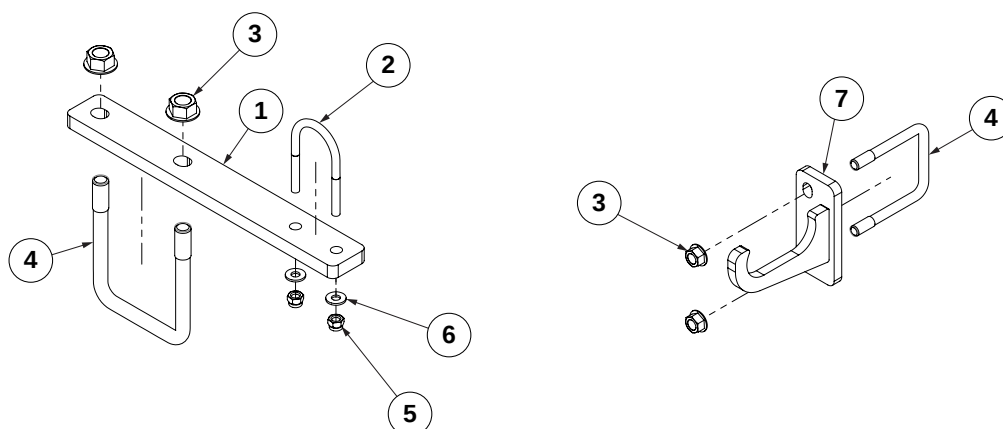


ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	GD29709	2	Support Tube
2	G10609019	1	TUBE URETHANE 3/8 OD X .065W BLK X 1600 (12 Row)
	G10609020	1	TUBE URETHANE 3/8 OD X .065W BLK X 2100 (16 Row)

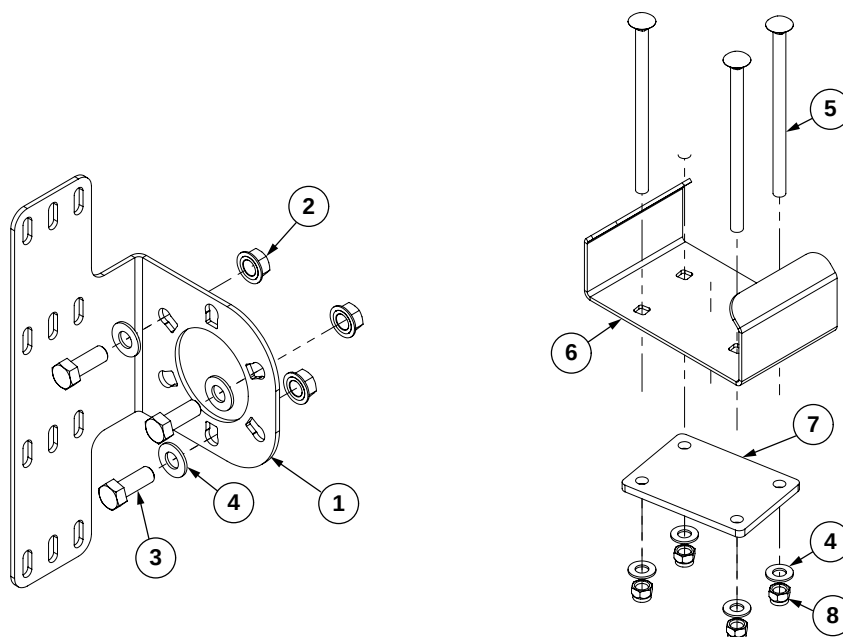
Orifice In-Line Housing



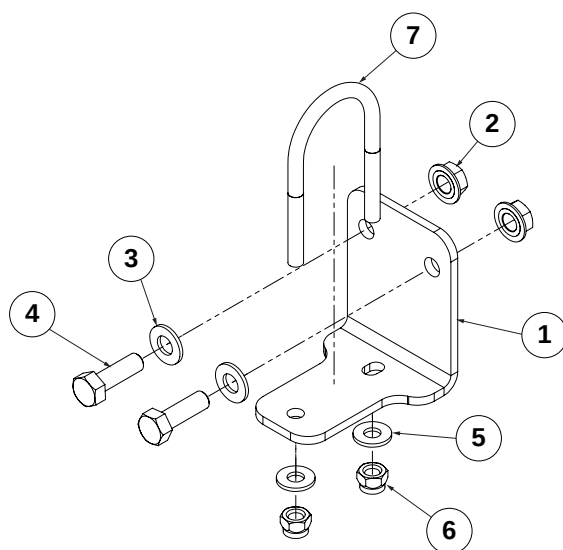
ITEM	PART NO.	QTY. (per Assy)	DESCRIPTION
1	GD29625	1	Connector, 1/4" NPT x 3/8"
2	G10771701	1	Orifice Adapter Cushion
3	GD21158	1	Cap
4	G10771801	1	Orifice (.020)
5	GD29709	2	Support Tube



ITEM	PART NO.	QTY.	DESCRIPTION
1	G10691801	1	RU Rail Bracket
2	GD26274	1	U-Bolt, 1-1/2" x 1/4"-20
3	G10071	2	Serrated Flange Nut, 1/2"-13
4	GD4743	1	U-Bolt, 3" x 3" x 1/2"-13
5	G11320	2	Lock Nut, 1/4"-20, Grade B
6	G11385	2	Flat Washer, 1/4" SAE
7	G106855501	1	Bulk Fill Fertilizer Hose Holder

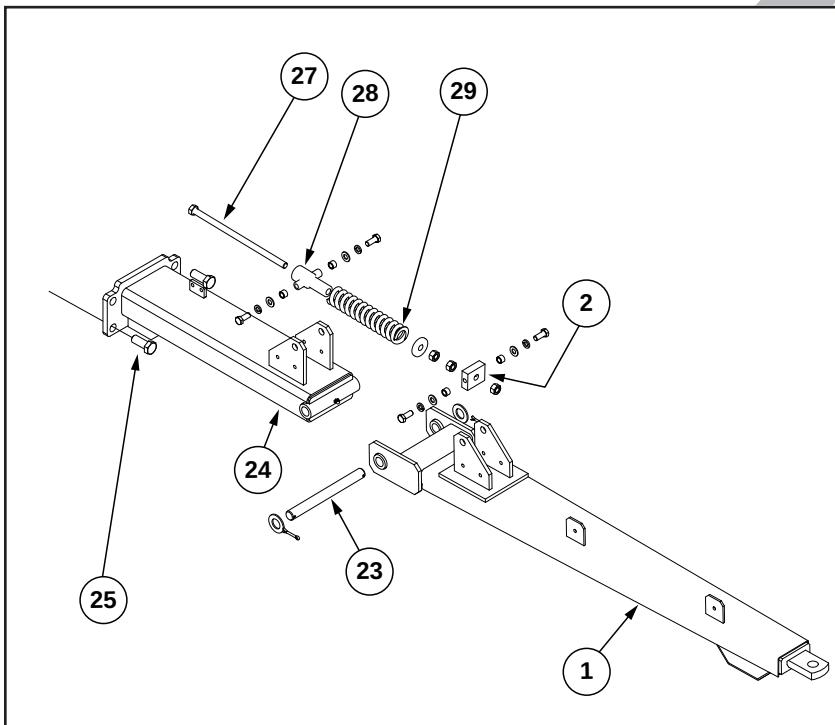
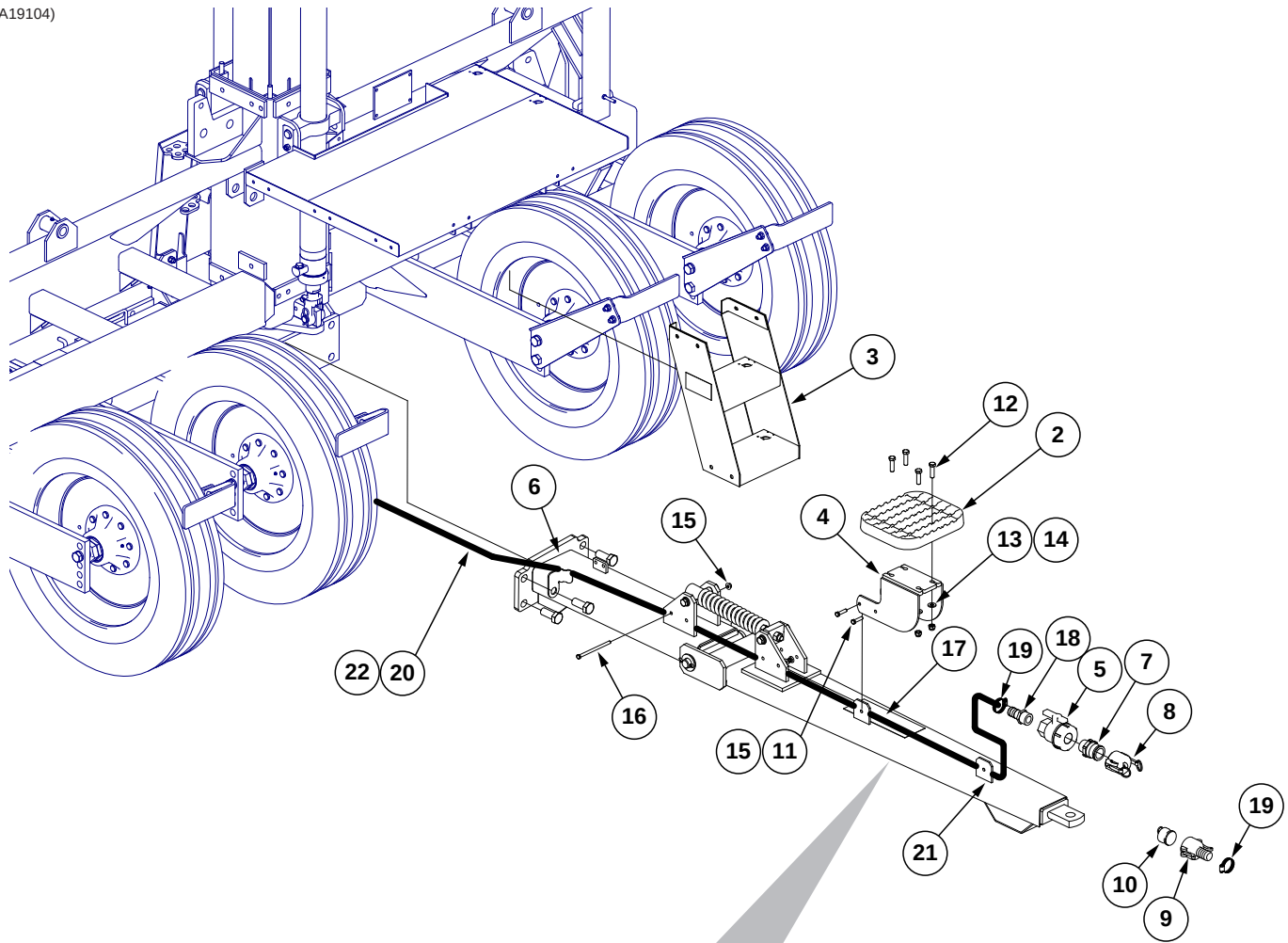


ITEM	PART NO.	QTY.	DESCRIPTION
1	G10740501	1	Wheel Tower Harness Holder
2	G11091	3	Serrated Flange Nut, 3/8"-16
3	G10001	3	Hex Head Cap Screw, 3/8"-16 x 1"
4	G11387	3-4	Hardened Washer, 3/8" SAE
5	G11970	4	Carriage Bolt, 3/8"-16 x 6"
6	G10740201	1	Fertilizer Hose Support Bracket
7	G10740301	1	Bracket Plate
8	G10108	4	Lock Nut, 3/8"-16

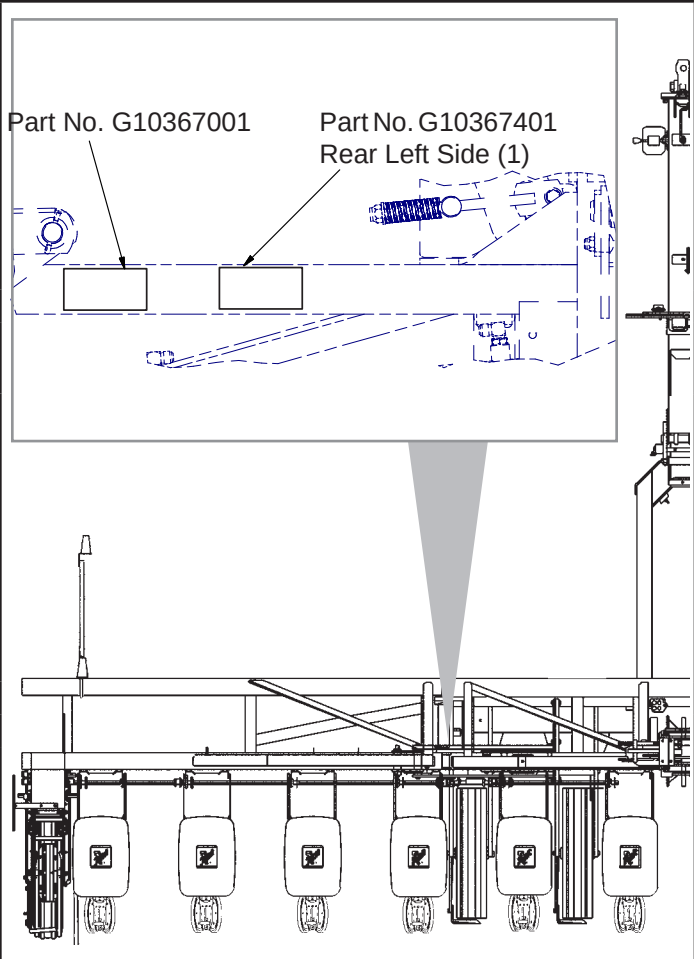
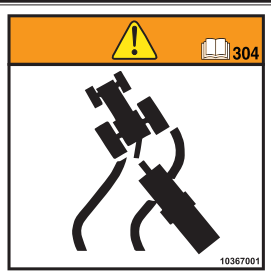
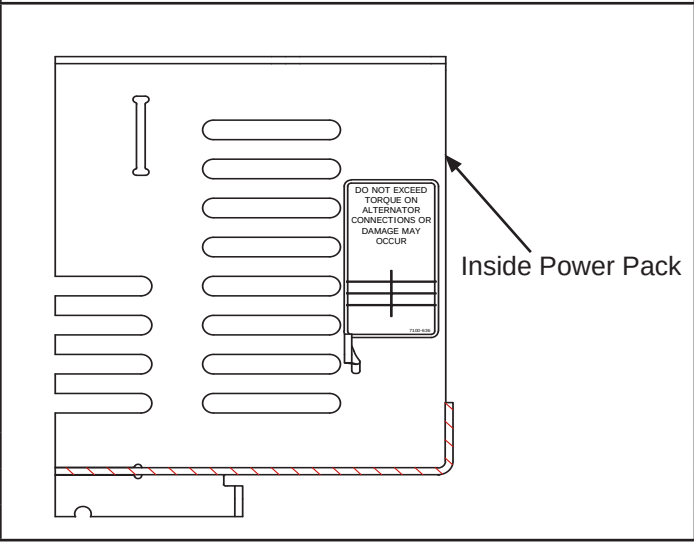
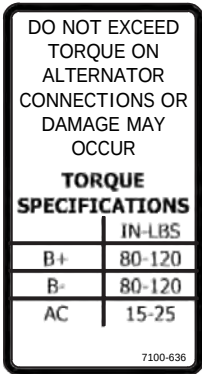


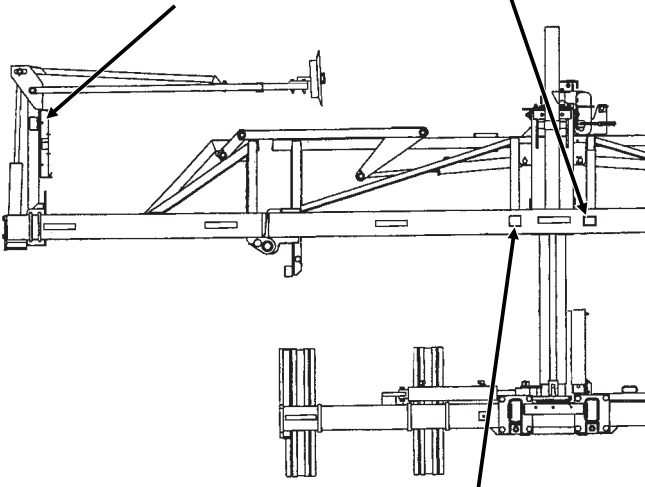
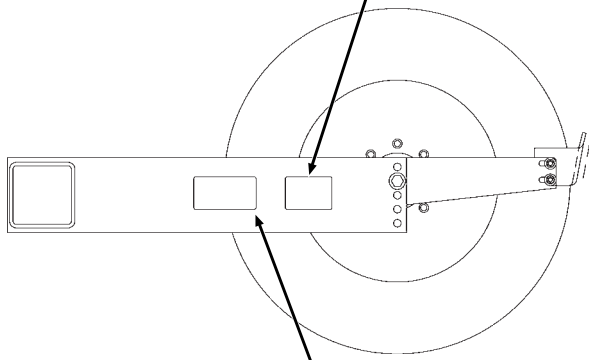
ITEM	PART NO.	QTY.	DESCRIPTION
1	G10926001	1	Fertilizer Rail Holder, Front
2	G10620	2	Serrated Flange Nut, 5/16"-18
3	G11386	2	Flat Washer, 5/16" SAE
4	G10019	2	Hex Head Cap Screw, 5/16"-18 x 1"
5	G11385	2	Flat Washer, 1/4" SAE
6	G11320	2	Lock Nut, 1/4"-20, Grade B
7	GD26274	1	U-Bolt, 1-1/2" x 1/4"-20

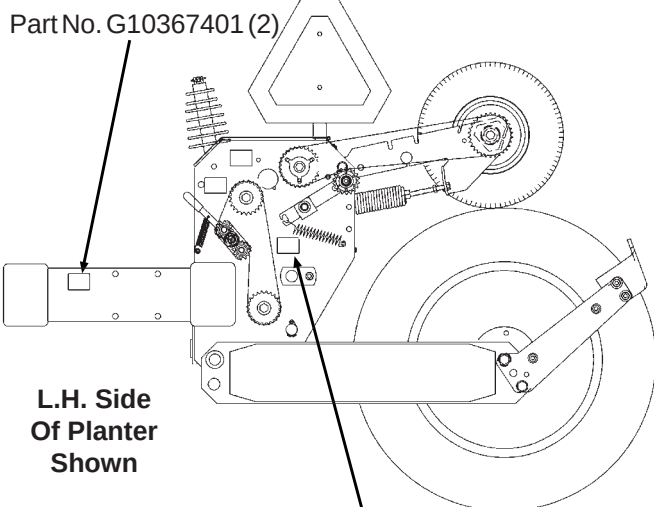
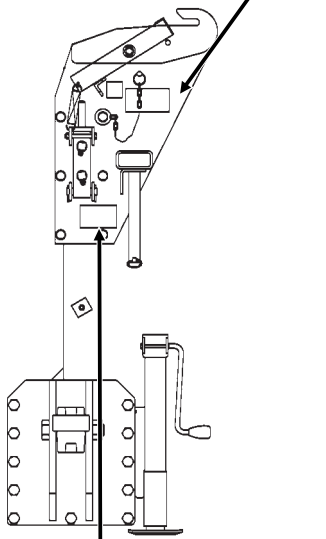
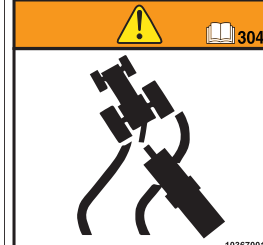
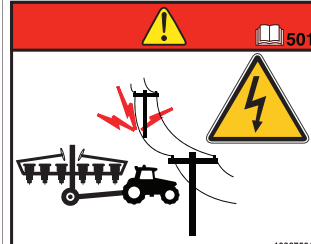
(A19104)

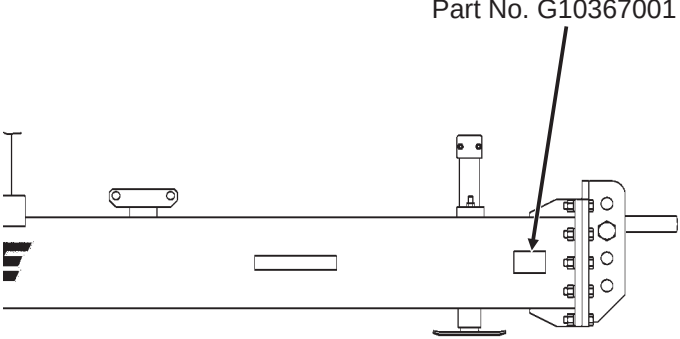
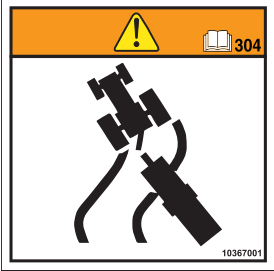
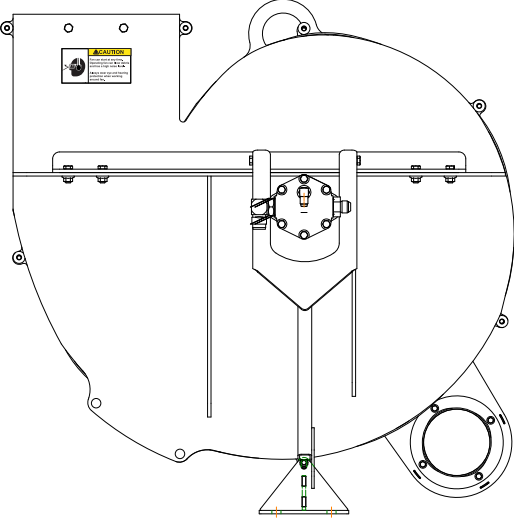
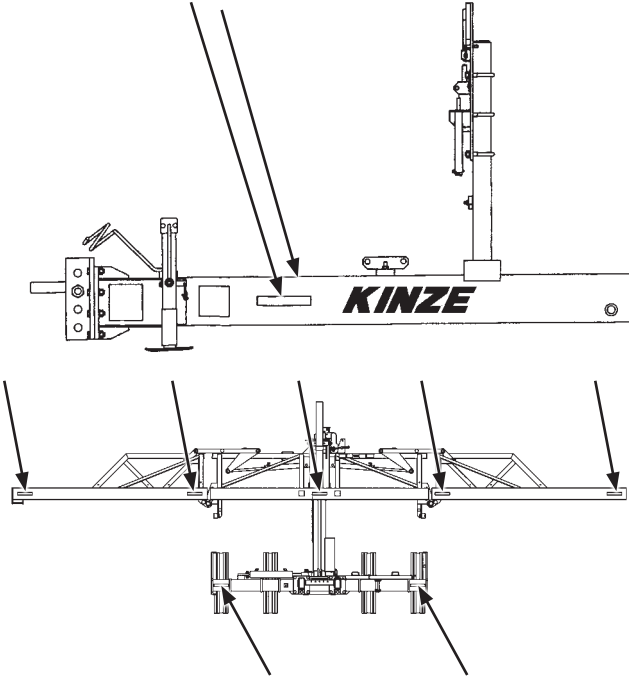


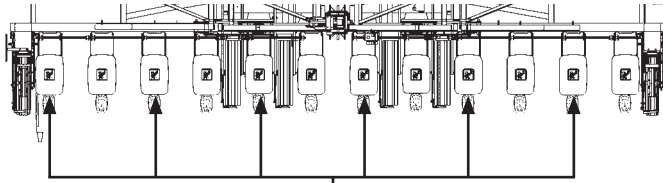
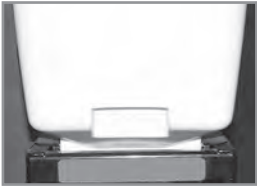
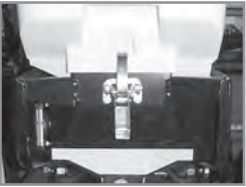
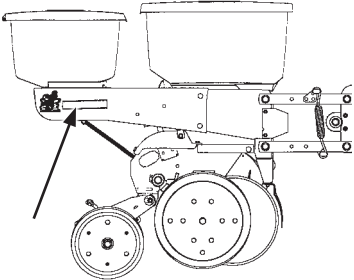
ITEM	PART NO.	QTY.	DESCRIPTION
1	GA6961	1	Hitch
2	GB0315	1	Step
3	GA16145	1	Ladder
4	GA14520	1	Hitch Step
5	GA4976	1	Shutoff Valve, 1¼" NPT
	GR1015	-	Body O-Ring (Included W/GA4976)
	GR1016	-	Stem O-Ring (Included W/GA4976)
	GR1017	-	Teflon Seat (Included W/GA4976)
	GR1018	-	Ball (Included W/GA4976)
	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, 2½" I.D. x ⅞" O.D. x 1⅞" 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, 2½" I.D. x ⅞" O.D. x 1⅞" Long
29	GD2115	1	Spring
	G10105	3	Hex Nut, ¾"-10
	GB0213	1	Spring Seat

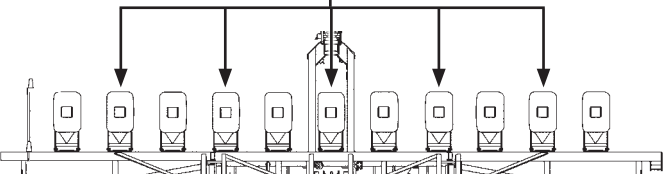
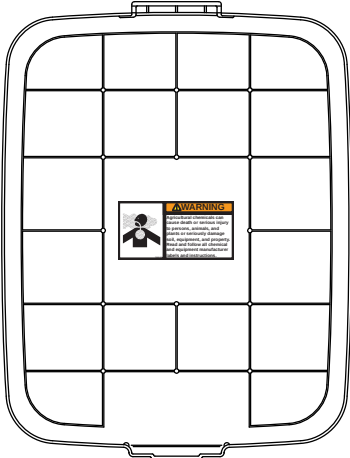
 Part No. G10367001 Part No. G10367401 Rear Left Side (1)	 Part No.: G10367001 Description: Decal, Warning (2021 Production and on) Quantity: 1
	 Part No.: G10367401 Description: Decal, Crush Warning (2021 Production and on) Quantity: 1 (Per Contact Wheel Assembly)
 Inside Power Pack	 Part No.: G7100-636 Description: Decal, Do Not Exceed Torque Quantity: 1

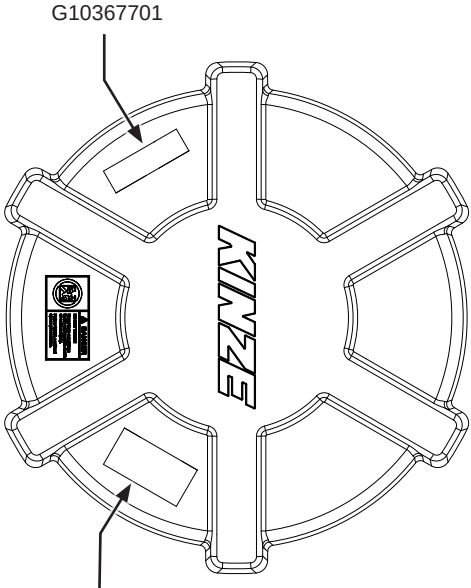
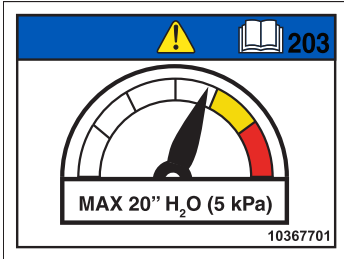
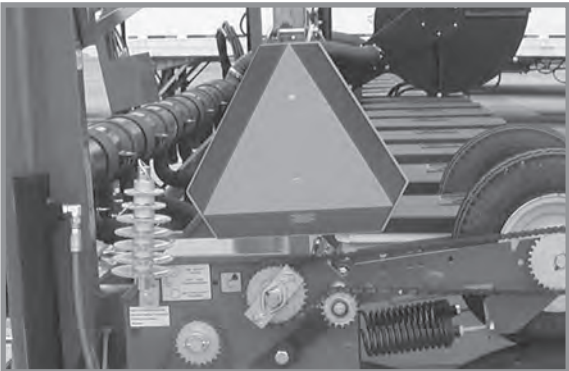
Part No. G10367401 Front And Back On L.H. Side Of Planter Part No. G10366901 On Each Side of Row Marker  Part No. 7100-385 Front And Back On R.H. Side Of Planter	
	Part No.: G10367401 Description: Decal, Crush Warning (2021 Production and on) Quantity: 1 (Per Contact Wheel Assembly)
	
	Part No.: G10366901 Description: Decal, Warning (2021 Production and on) Quantity: 1 (Per Row Marker Cylinder - Conventional) 4 (2 Per Row Marker)
Part No. G10367301 (1)  Part No. G10367801 (2) Each side of outer stub axles.	
	Part No.: G10367301 Description: Decal, Warning Quantity: -
	
	Part No.: G10367801 Description: Decal, Warning Quantity: 2 (Per Tire - Ground Drive Tires)

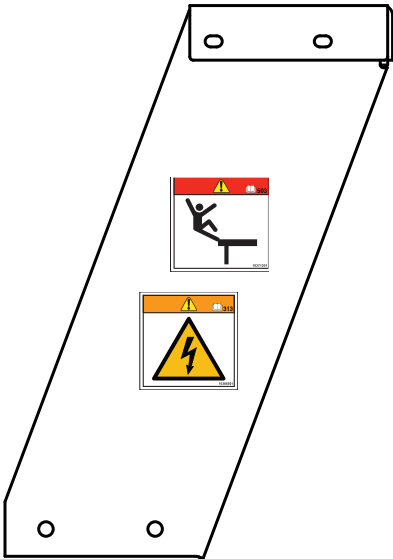
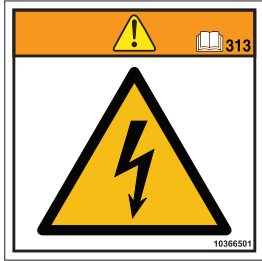
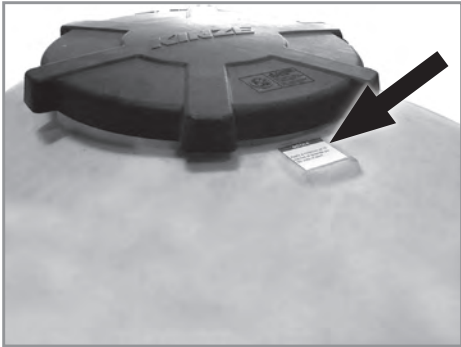
 Part No. G10367401 (2) L.H. Side Of Planter Shown Part No. G10366801 (2)	 10367401 Part No.: G10367401 Description: Decal, Crush Warning (2021 Production and on) Quantity: 1 (Per Contact Wheel Assembly)  10366801 Part No.: G10366801 Description: Decal, Warning (2021 Production and on) Quantity: 1 (Per Contact Wheel Assembly)
 Part No. G10367501 Part No. G10367001	 10367001 Part No.: G10367001 Description: Decal, Warning (2021 Production and on) Quantity: 1  10367501 Part No.: G10367501 Description: Decal, Danger (2021 Production and on) Quantity: 1

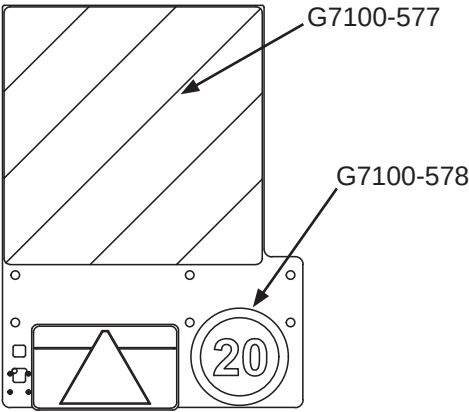
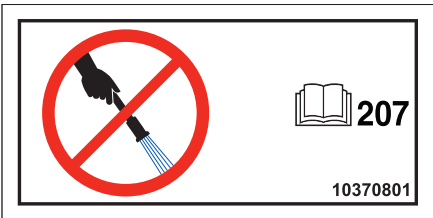
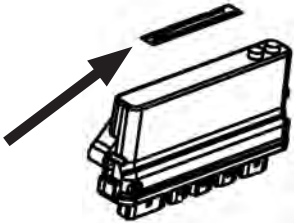
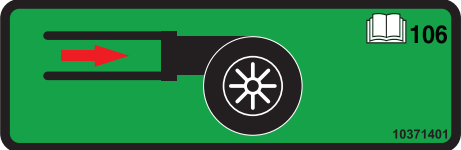
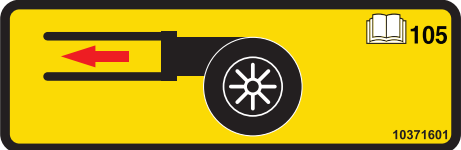
 Part No. G10367001	 Part No.: G10367001 Description: Decal, Warning (2021 Production and on) Quantity: 1
	 Part No.: G10367101 Description: Decal, Caution Quantity: -
	 Part No.: G7100-558 Description: Reflective Decal, Amber, 1½" x 9", Rectangular Quantity: 2 (1 Located on Each Side of Hitch) 4 (Used 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)

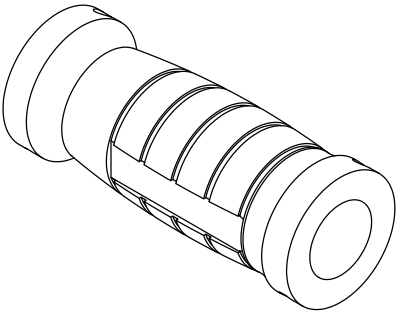
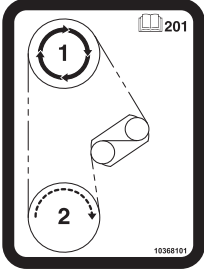
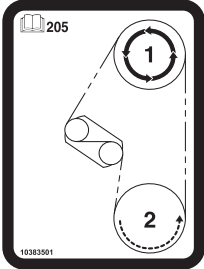
   Note: 6 used on 12 row; 8 used on 16 row	 Part No.: G7100-558 Description: Reflective Decal, Amber, 2" x 9", Rectangular Quantity: 2 (Per Row Unit - Located On The Granular Chemical Hopper Panel Extension Of Every Other Row Unit Beginning On The L.H. Side Of The Planter - Side-Facing In Transport Position) (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 Granular Chemical Option 	 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)

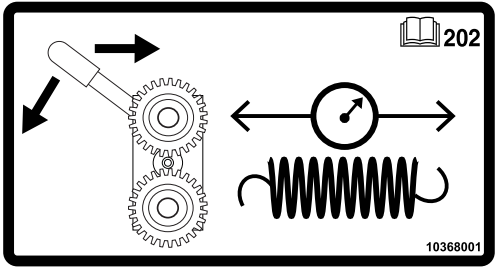
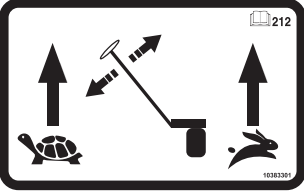
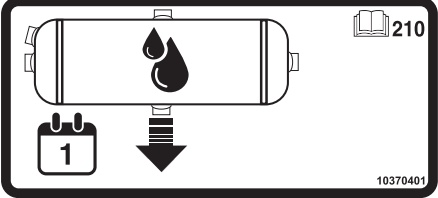
  With Split Row Option	 Part No.: G7100-558 Description: Reflective Decal, Amber, 1½" x 9", Rectangular Quantity: 5 Used On 12 Row; 7 On 16 Row (Located On The Front Of Every Other Push Row Unit Beginning With The Center Row Unit And Every Other Row Unit To Both Ends - Side-Facing In Transport Position)
	 Part No.: G10367601 Description: Decal, Chemical Warning (2021 Production and on) Quantity: 1 (1 Per Row Unit - Located On Underside Of Granular Chemical Hopper Lid)
	 Part No.: G10371901 Description: Decal, Lifting Caution (2021 Production and on) Quantity: 1 (Located On Push Row Unit Lift Lever)

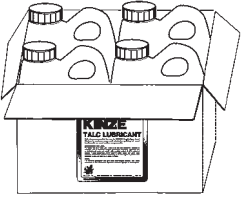
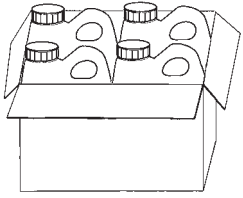
	 Part No.: G10367401 Description: Decal, Crush Warning (2021 Production and on) Quantity: 1
	 Part No.: G10367701 Description: Decal, Notice Quantity: 2 (1 Per Tank Lid)  Part No.: 10371701 Description: Decal, Warning Quantity: 2 (1 Per Tank Lid)
	 Part No.: GD2199 Description: SMV Sign Quantity: 1

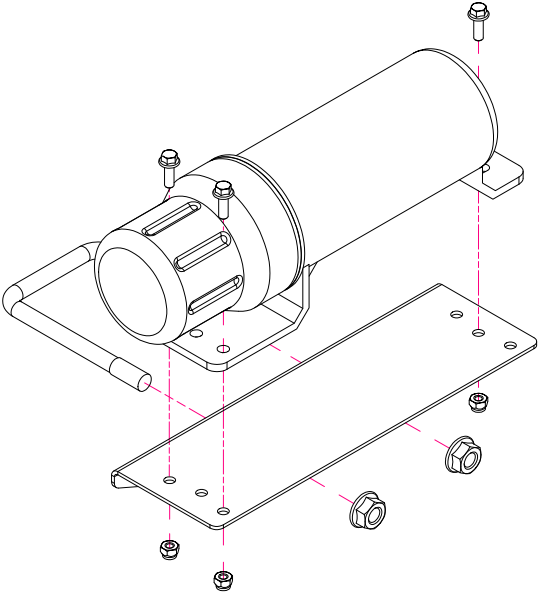
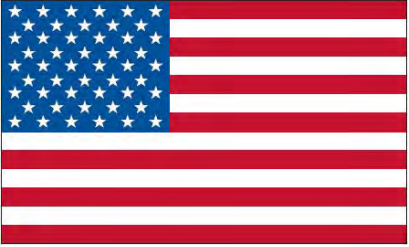
	 Part No.: G10371201 Description: Decal, Warning (2021 Production and on) Quantity: -  Part No.: G10365501 Description: Decal, Static Shock Quantity: 2 (Located on each side of stair)
	 Part No.: G10366701 Description: Decal, Notice Quantity: 1
	Part No.: GD1162 Description: Tie Strap, 28" Part No.: GD1512 Description: Tie Strap, 7½" Part No.: GD2117 Description: Tie Strap, 14½" Part No.: GD2984 Description: Tie Strap, 34"

	Part No.: G7100-577 Description: White/Red Reflective Decal Part No.: G7100-578 Description: Decal 20 KM/H
	Part No.: G10370801 Description: Decal, IPN/IPR Quantity: 1
	Part No.: G7100-610 Description: Decal, IPN/IPR M12 Connector O-ring Quantity: 16
	 Part No.: G10371001 Description: Decal, Meter Wire Quantity: 1
	Part No.: G10371401 Description: Vacuum Decal
	Part No.: G10371601 Description: Bulk Fill Decal

	Part No.: GA26924-01 Description: Hose Label Cover, Red, Extend Part No.: GA26924-02 Description: Hose Label Cover, Red, Retract Part No.: GA26924-03 Description: Hose Label Cover, Blue, Extend Part No.: GA26924-04 Description: Hose Label Cover, Blue, Retract Part No.: GA26924-05 Description: Hose Label Cover, Green, Extend Part No.: GA26924-06 Description: Hose Label Cover, Green, Retract Part No.: GA26924-07 Description: Hose Label Cover, Yellow, Extend Part No.: GA26924-08 Description: Hose Label Cover, Yellow, Retract Part No.: GA26924-09 Description: Hose Label Cover, White, Extend Part No.: GA26924-10 Description: Hose Label Cover, White, Retract Part No.: GA26924-11 Description: Hose Label Cover, Orange, Retract
	Part No.: G10368101 Description: Decal, Transmission (2021 Production and on) Quantity: 1
	Part No.: G10383501 Description: Decal, Transmission (2021 Production and on) Quantity: 1

	Part No.: G10368001 Description: Decal, Spring Tension Release Quantity: -
	Part No.: G10367201 Description: Decal, Warning Quantity: 1
	Part No.: G10383301 Description: Decal, Information
	Part No.: G10371801 Description: Decal, Tank Drain
	Part No.: G10368201 Description: Decal, Oil/Grease Daily (2021 Production and on) Quantity: -
	Part No.: G10371501 Description: Decal, Oil/Grease Weekly (2021 Production and on) Quantity: -

	Part No.: G10383201 Description: Decal, Wash Hands Quantity: -
	Part No.: GR0146MPP Description: Powdered Graphite, Twenty-Four 1 Pound Containers
	Part No.: GR1570MPP Description: Talc Lubricant, Four 8 Pound Containers
	Part No.: GR1842MPP Description: Graphite Lubricant, Four 5 Pound Containers
	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 Quantity: 2 (1 On Each Side of Hitch)
	Part No.: G10887501 Description: Decal, Kinze 3605 Blue Drive Quantity: 2 (1 On Each Side of Hitch)
	Part No.: G10147301 Description: Decal, True Speed Large Quantity: -

	Part No.: GM0312-01 GM0312-01-RUS (Russian) GM0312-01-BGR (Bulgarian) GM0312-01-UKR (Ukrainian) Description: Operator Manual, Model 3605 Part No.: GM0312-02 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 1/2"-13 Quantity: 1
	Part No.: G10071 Description: Serrated Flange Nut, 1/2"-13 Quantity: 2
	Part No.: G11166 Description: Hex Socket Flange Cap Screw, 1/4"-20 x 3/4" Quantity: 3
	Part No.: G11320 Description: Lock Nut, 1/4"-20, Grade B Quantity: 3
	Part No.: G7100-484 Description: Decal, American Flag

This page left blank intentionally.

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
*A1018.....	P205	*A7682-35.....	P75	*A13808.....	P106	A18957.....	P133
*A1021.....	P206	*A7682-35.....	P77	*A13808.....	P107	*A21530-110.....	P210
*A1027.....	P127	*A8267.....	P203	*A13809.....	P107	*A21530-110.....	P211
*A1028.....	P203	*A8267.....	P205	*A13810.....	P107	*A21530-180.....	P209
*A1030.....	P127	**A8822.....	P176	*A13817.....	P107	*A21541-28.....	P89
*A1034.....	P205	**A9467.....	P173	*A13824.....	P106	*A21548-237.....	P89
*A1041.....	P201	*A11440.....	P209	*A13824.....	P107	*A21548-237.....	P127
*A1053.....	P127	*A11442.....	P89	*A13826.....	P107	*A21548-237.....	P209
*A1053.....	P201	*A11442.....	P127	**A13937.....	P179	*A21548-250.....	P89
*A1055.....	P203	*A11443.....	P89	**A13953.....	P179	*A21548-250.....	P127
*A1055.....	P205	*A11443.....	P127	**A14275.....	P175	*A21548-250.....	P209
*A1057.....	P203	*A11459.....	P89	**A14278.....	P172	A22554-20.....	P241
*A1076.....	P203	*A11459.....	P127	A14310.....	P128	A22554-20.....	P245
*A1076.....	P205	*A11459.....	P127	**A14480.....	P180	A22554-36.....	P241
*A1089.....	P203	*A11810-68.....	P91	*A14593.....	P107	A22554-36.....	P245
*A1110.....	P201	*A11810-72.....	P91	A14631.....	P170	A22554-265.....	P241
*A1116.....	P201	*A11810-72.....	P95	*A15035-21.....	P215	A22554-265.....	P245
*A1139.....	P201	*A12002.....	P89	*A15064.....	P89	A22554-360.....	P241
*A1171.....	P201	*A12038.....	P75	*A15080-230.....	P215	A22554-360.....	P245
*A1404.....	P203	*A12038.....	P77	*A15080-260.....	P215	A22554-375.....	P241
*A1404.....	P205	*A12038.....	P210	*A15081-36.....	P75	A22554-375.....	P245
*A1424.....	P203	*A12038.....	P211	*A15081-36.....	P77	A22554-424.....	P245
*A1424.....	P205	*A12042.....	P205	*A15081-36.....	P210	A22554-533.....	P241
*A1464.....	P89	*A12076.....	P206	*A15081-36.....	P211	A22555-20.....	P241
*A1464.....	P127	*A12085.....	P127	*A15081-180.....	P209	A22555-20.....	P245
*A1478.....	P89	*A12085.....	P206	*A15083-230.....	P215	A22555-184.....	P241
*A1478.....	P127	*A12090.....	P203	*A15083-280.....	P215	A22555-184.....	P245
*A1478.....	P201	*A12094.....	P89	*A15092-90.....	P92	A22555-228.....	P241
*A3111.....	P205	*A12095.....	P127	*A15092-130.....	P92	A22555-228.....	P245
*A3117.....	P203	*A12096.....	P89	A18288.....	P128	A22556-91.....	P241
*A3117.....	P206	*A12097.....	P209	A18289.....	P133	A22556-91.....	P245
*A3122.....	P205	*A12745.....	P89	A18294.....	P141	A22556-115.....	P241
*A3127.....	P205	*A12747.....	P209	A18295.....	P141	A22556-115.....	P245
*A3131.....	P203	*A12751.....	P89	*A18666-90.....	P92	A22556-134.....	P241
*A3131.....	P205	*A12751.....	P127	*A18666-130.....	P92	A22556-134.....	P245
*A3139.....	P205	*A12752.....	P127	*A18666-130.....	P127	A24487-100.....	P241
*A3152.....	P127	*A12752.....	P206	*A18667-244.....	P209	A24487-100.....	P245
*A3158.....	P203	*A12937-24.....	P97	*A18670-225.....	P215	A24487-120.....	P241
*A3158.....	P205	*A12937-24.....	P99	*A18670-265.....	P215	A24487-120.....	P245
*A3158.....	P206	*A13800.....	P107	*A18671-30.....	P213	A24488-27.....	P241
**A7220.....	P171	*A13801.....	P106	*A18690-238.....	P215	A24488-27.....	P245
*A7677-20.....	P210	*A13801.....	P106	*A18690-250.....	P215	A24488-203.....	P241
*A7678-13.....	P210	*A13801.....	P107	*A18693-198.....	P201	A24488-203.....	P245
*A7680-11.....	P75	*A13802.....	P106	*A18693-237.....	P89	A24488-255.....	P241
*A7680-11.....	P77	*A13802.....	P107	*A18693-237.....	P127	A24488-255.....	P245
*A7680-14.....	P210	*A13803.....	P106	*A18693-237.....	P209	A25399-36.....	P241
*A7680-14.....	P211	*A13803.....	P107	*A18693-250.....	P89	A25399-36.....	P245
*A7680-35.....	P75	*A13804.....	P106	*A18693-250.....	P127	*A25487-90.....	P92
*A7680-35.....	P77	*A13804.....	P107	*A18693-250.....	P201	*A25487-130.....	P92
*A7680-35.....	P210	*A13805.....	P106	*A18693-250.....	P209	*A25487-196.....	P209
*A7680-35.....	P211	*A13805.....	P107	*A18867-180.....	P209	*A25504-30.....	P210
*A7682-11.....	P75	*A13807.....	P106	A18955.....	P141	*A25690-48.....	P75
*A7682-11.....	P77	*A13807.....	P107	A18956.....	P141	*A25690-48.....	P77

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
*A25701-110	P210	*D12251.	P170	G1K363	P221	G2500-84.	P299
*A25701-110	P211	*D12251.	P176	G1K363	P227	G2503-20.	P97
*A25707-68	P91	*D12251.	P180	G1K378	P279	G2503-20.	P99
*A25707-72	P91	*D12252.	P171	G1K379	P279	G2603-06.	P75
*A25707-72	P95	*D12252.	P173	G1K380	P149	G2603-06.	P77
A26287	P31	*D12253.	P179	G1K380	P153	G2603-06.	P210
*A26936-198	P201	*D12254.	P175	G1K381	P149	G2603-06.	P211
*A26936-250	P201	*D12255.	P172	G1K381	P153	G2603-08.	P205
*A26938-237	P89	*D12255.	P175	G1K728	P20	G2603-08.	P209
*A26938-250	P89	*D12257.	P173	G1K758	P7	G2603-10.	P209
*A26939-238	P215	*D12257.	P175	G304-C-06.	P75	G2700-06-06	P89
*A26939-250	P215	*D12275.	P170	G304-C-06.	P77	G2700-06-06	P136
*D12012.	P170	*D12275.	P176	G304-C-8.	P97	G2700-08.	P179
*D12040.	P171	*D12278.	P179	G304-C-8.	P99	G2700-08.	P203
*D12047.	P179	*D12278.	P180	G304-C-08.	P179	G2700-08.	P205
*D12047.	P180	**D13169.	P177	G304-C-8.	P209	G2700-10.	P89
*D12072.	P171	**D13426.	P177	G304-C-8.	P213	G2700-10.	P127
*D12092.	P172	*D29649.	P172	G304-C-10.	P138	G2700-10.	P136
*D12093.	P172	*D29649.	P173	G304-C-10.	P209	G2700-10.	P203
*D12108.	P173	*D29649.	P175	G304-C-12.	P138	G2700-10.	P205
*D12108.	P175	*D30262.	P170	G306-06.	P89	G2700-12.	P89
*D12110.	P173	*D30399.	P176	G306-06.	P136	G2700-12.	P127
*D12110.	P175	G1K248	P85	G306-08.	P164	G2701-08.	P164
*D12200.	P179	G1K248	P159	G306-08.	P179	G2701-08.	P229
*D12202.	P179	G1K248	P219	G306-08.	P203	G2701-10.	P97
*D12202.	P180	G1K248	P221	G306-08.	P205	G2701-10.	P99
*D12203.	P179	G1K248	P227	G306-08.	P229	G2702-06.	P89
*D12203.	P180	G1K252	P159	G306-10.	P89	G2702-10.	P89
*D12204.	P179	G1K252	P219	G306-10.	P97	G2702-10.	P127
*D12206.	P171	G1K252	P221	G306-10.	P99	G2702-12.	P89
*D12206.	P173	G1K252	P227	G306-10.	P127	G2702-12.	P127
*D12210.	P170	G1K267	P159	G306-10.	P136	G2702-12.	P136
*D12210.	P176	G1K267	P219	G306-10.	P203	G2703-08-08-10	P203
*D12210.	P180	G1K268	P159	G306-10.	P205	G2703-08-08-10	P205
*D12212.	P170	G1K268	P219	G306-12.	P89	G3200-63.	P293
*D12212.	P176	G1K268	P221	G306-12.	P127	G3200-63.	P299
*D12213.	P170	G1K269	P73	G306-12.	P136	G3303-16.	P3
*D12213.	P176	G1K269	P153	G0912	P151	G3303-41.	P67
*D12218.	P175	G1K274	P195	G2100-03.	P73	G3303-44.	P11
*D12221.	P171	G1K275	P195	G2100-03.	P153	G3303-78.	P67
*D12222.	P171	G1K296	P13	G2100-03.	P155	G3303-88.	P11
*D12223.	P171	G1K320	P159	G2100-03.	P281	G3303-96.	P64
*D12224.	P171	G1K320	P219	G2100-03.	P287	G3303-103.	P11
*D12226.	P180	G1K320	P221	G2100-03.	P289	G3303-108.	P3
*D12227.	P173	G1K321	P159	G2403-10.	P209	G3303-108.	P31
*D12227.	P175	G1K321	P219	G2403-12.	P97	G3303-108.	P36
*D12228.	P173	G1K321	P221	G2403-12.	P99	G3310-62.	P281
*D12228.	P175	G1K322	P221	G2403-12.	P209	G3310-80.	P149
*D12240.	P172	G1K324	P149	G2408-06.	P89	G3310-80.	P151
*D12240.	P175	G1K331	P73	G2408-08.	P203	G3310-80.	P153
*D12246.	P172	G1K345	P15	G2408-08.	P205	G3310-88.	P278
*D12247.	P172	G1K362	P221	G2408-10.	P89	G3310-100.	P151
*D12248.	P172	G1K362	P227	G2408-12.	P89	G3310-100.	P287

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G3310-100.....	P289	G6400-10.....	P185	G6408-HHP-16.....	P199	G6801-12.....	P99
G3310-114.....	P149	G6400-10.....	P186	G6410-16-08.....	P97	G6801-12.....	P105
G3310-114.....	P151	G6400-10.....	P192	G6410-16-08.....	P99	G6801-12-10.....	P105
G3310-114.....	P287	G6400-10.....	P193	G6410-20-16.....	P97	G6801-12-16.....	P97
G3310-114.....	P289	G6400-10.....	P213	G6410-20-16.....	P99	G6801-12-20.....	P97
G3310-122.....	P73	G6400-10-08.....	P183	G6500-06.....	P89	G6801-12-20.....	P99
G3310-130.....	P279	G6400-10-08.....	P187	G6500-06.....	P186	G6801-20.....	P91
G3400-01.....	P73	G6400-10-08.....	P188	G6500-08.....	P89	G6801-20.....	P95
G3400-01.....	P153	G6400-10-08.....	P193	G6500-08.....	P185	G6801-L-08.....	P185
G3400-01.....	P155	G6400-10-08.....	P194	G6500-08.....	P213	G6801-LL-10.....	P198
G3400-01.....	P281	G6400-10-08.....	P197	G6500-08.....	P308	G6801-LL-10.....	P199
G3400-01.....	P287	G6400-12.....	P127	G6500-10.....	P194	G6801-LL-12.....	P97
G3400-01.....	P289	G6400-12.....	P183	G6500-10.....	P197	G6801-LL-12.....	P99
G4200-01.....	P343	G6400-12.....	P190	G6500-10.....	P213	G6802-08.....	P187
G4200-05.....	P291	G6400-12.....	P192	G6500-10.....	P231	G6802-08.....	P188
G4201-03.....	P291	G6400-12.....	P193	G6500-12.....	P194	G6803-04-04-04.....	P207
G4205-14.....	P291	G6400-12.....	P198	G6500-12.....	P197	G6803-04-04-04.....	P207
G4301-08.....	P291	G6400-12.....	P199	G6500-12.....	P197	G6804-08.....	P97
G4301-11.....	P275	G6400-12-10.....	P194	G6504-08-08-04.....	P188	G6804-08.....	P99
G4431-01.....	P109	G6400-12-10.....	P197	G6602-06.....	P75	G6804-10.....	P99
G4431-01.....	P333	G6400-L-06.....	P186	G6602-06.....	P77	G6804-10.....	P127
G4602-03.....	P333	G6400-L-08.....	P185	G6602-06.....	P127	G6804-10.....	P183
G4602-03.....	P335	G6403-NWO-08.....	P185	G6602-06.....	P209	G6804-12.....	P127
G4602-21.....	P295	G6403-NWO-08.....	P185	G6602-06.....	P210	G6804-12.....	P183
G4602-21.....	P297	G6408-04.....	P170	G6801-04-04.....	P25	G6835-16-16-16.....	P97
G5000-08-04.....	P313	G6408-04.....	P175	G6801-04-04.....	P79	G6835-16-16-16.....	P99
G6325X.....	P7	G6408-06.....	P192	G6801-06.....	P105	G7100-262.....	P348
G6400-04.....	P79	G6408-06.....	P194	G6801-06.....	P186	G7100-557.....	P348
G6400-04.....	P207	G6408-08.....	P170	G6801-06.....	P231	G7100-558.....	P347
G6400-06.....	P183	G6408-08.....	P171	G6801-06.....	P319	G7100-558.....	P348
G6400-06.....	P186	G6408-08.....	P172	G6801-06-08.....	P129	G7100-558.....	P348
G6400-06.....	P192	G6408-08.....	P173	G6801-06-08.....	P143	G7100-558.....	P349
G6400-06.....	P193	G6408-08.....	P175	G6801-08.....	P127	G7100-559.....	P348
G6400-06-08.....	P134	G6408-08.....	P176	G6801-08.....	P131	G7100-577.....	P352
G6400-06-VT.....	P86	G6408-08.....	P179	G6801-08.....	P163	G7100-578.....	P352
G6400-08.....	P134	G6408-08.....	P180	G6801-08.....	P185	G7100-614.....	P20
G6400-08.....	P183	G6408-08.....	P185	G6801-08.....	P185	G7100-616.....	P45
G6400-08.....	P185	G6408-10.....	P185	G6801-08.....	P186	G7100-616.....	P71
G6400-08.....	P185	G6408-10.....	P198	G6801-08.....	P191	G7100-636.....	P344
G6400-08.....	P186	G6408-12.....	P192	G6801-08-06.....	P319	G7566X.....	P26
G6400-08.....	P187	G6408-12.....	P198	G6801-08-10.....	P185	G7633X.....	P219
G6400-08.....	P188	G6408-H04-0.....	P189	G6801-10.....	P86	G8647X.....	P221
G6400-08.....	P189	G6408-H04-0.....	P197	G6801-10.....	P99	G9897X.....	P29
G6400-08.....	P203	G6408-H06-0.....	P186	G6801-10.....	P190	G9903X.....	P29
G6400-08.....	P205	G6408-H06-0.....	P197	G6801-10.....	P198	G9978X.....	P129
G6400-08.....	P213	G6408-H06-O.....	P185	G6801-10.....	P199	G10001.....	P15
G6400-08.....	P308	G6408-H06-O.....	P185	G6801-10.....	P231	G10001.....	P27
G6400-08-04.....	P163	G6408-H06-O.....	P189	G6801-10-08.....	P197	G10001.....	P64
G6400-08-04.....	P179	G6408-H06-O.....	P193	G6801-10-12.....	P213	G10001.....	P95
G6400-08-10.....	P86	G6408-H08-0.....	P197	G6801-10-16.....	P99	G10001.....	P97
G6400-08-12.....	P213	G6408-H10-0.....	P193	G6801-12.....	P91	G10001.....	P99
G6400-10.....	P127	G6408-HHP-16.....	P190	G6801-12.....	P95	G10001.....	P109
G6400-10.....	P183	G6408-HHP-16.....	P198	G6801-12.....	P97	G10001.....	P119

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10001	P123	G10004	P143	G10017	P134	G10036	P287
G10001	P125	G10004	P153	G10017	P141	G10036	P289
G10001	P125	G10004	P163	G10017	P165	G10037	P5
G10001	P150	G10004	P163	G10017	P215	G10037	P69
G10001	P183	G10004	P217	G10017	P269	G10037	P81
G10001	P221	G10004	P229	G10017	P279	G10037	P138
G10001	P227	G10004	P267	G10017	P281	G10037	P143
G10001	P229	G10004	P291	G10017	P283	G10037	P150
G10001	P233	G10004	P295	G10017	P293	G10037	P278
G10001	P234	G10004	P297	G10017	P333	G10038	P155
G10001	P262	G10004	P309	G10111	P217	G10039	P101
G10001	P266	G10004	P335	G10018	P79	G10039	P163
G10001	P275	G10005	P7	G10018	P168	G10039	P267
G10001	P309	G10005	P9	G10019	P13	G10039	P281
G10001	P313	G10005	P130	G10019	P83	G10039	P343
G10001	P340	G10006	P39	G10019	P161	G10040	P161
G10002	P9	G10006	P100	G10019	P161	G10040	P235
G10002	P33	G10006	P129	G10019	P167	G10041	P85
G10002	P37	G10006	P163	G10019	P227	G10041	P216
G10002	P71	G10007	P26	G10019	P227	G10041	P233
G10002	P97	G10007	P130	G10019	P265	G10043	P227
G10002	P185	G10007	P266	G10019	P301	G10045	P39
G10002	P187	G10007	P295	G10019	P341	G10045	P163
G10002	P213	G10007	P343	G10020	P233	G10045	P167
G10002	P269	G10007	P343	G10021	P79	G10045	P215
G10002	P275	G10008	P113	G10021	P275	G10045	P265
G10003	P3	G10008	P299	G10022	P327	G10046	P265
G10003	P23	G10009	P293	G10023	P33	G10046	P269
G10003	P101	G10010	P13	G10023	P37	G10047	P64
G10003	P105	G10010	P41	G10023	P91	G10047	P67
G10003	P185	G10010	P273	G10023	P95	G10047	P125
G10003	P303	G10011	P143	G10023	P97	G10047	P149
G10003	P328	G10011	P269	G10023	P99	G10047	P153
G10003	P343	G10012	P164	G10023	P121	G10047	P269
G10004	P7	G10012	P299	G10023	P157	G10047	P278
G10004	P41	G10013	P15	G10023	P237	G10047	P279
G10004	P45	G10014	P3	G10025	P85	G10048	P11
G10004	P63	G10014	P13	G10025	P143	G10049	P67
G10004	P71	G10014	P123	G10026	P129	G10049	P143
G10004	P72	G10014	P129	G10026	P138	G10049	P267
G10004	P85	G10014	P231	G10026	P147	G10049	P279
G10004	P85	G10014	P309	G10026	P147	G10053	P138
G10004	P91	G10016	P73	G10027	P119	G10053	P155
G10004	P91	G10016	P73	G10027	P143	G10057	P293
G10004	P97	G10016	P100	G10028	P128	G10060	P143
G10004	P99	G10016	P102	G10028	P145	G10061	P3
G10004	P105	G10016	P129	G10031	P13	G10061	P17
G10004	P109	G10016	P129	G10033	P39	G10064	P15
G10004	P113	G10016	P267	G10033	P163	G10064	P27
G10004	P119	G10017	P25	G10034	P83	G10064	P123
G10004	P136	G10017	P25	G10036	P42	G10064	P125
G10004	P136	G10017	P79	G10036	P155	G10064	P141
G10004	P139	G10017	P81	G10036	P163	G10064	P217

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10064	P235	G10102	P39	G10105	P343	G10108	P95
G10064	P319	G10102	P39	G10106	P161	G10108	P97
G10071	P3	G10102	P73	G10106	P161	G10108	P99
G10071	P5	G10102	P73	G10106	P227	G10108	P105
G10071	P23	G10102	P73	G10106	P227	G10108	P105
G10071	P25	G10102	P81	G10106	P283	G10108	P109
G10071	P69	G10102	P91	G10106	P283	G10108	P110
G10071	P79	G10102	P91	G10106	P283	G10108	P113
G10071	P83	G10102	P95	G10106	P283	G10108	P119
G10071	P91	G10102	P134	G10107	P7	G10108	P121
G10071	P95	G10102	P138	G10107	P15	G10108	P125
G10071	P109	G10102	P161	G10107	P42	G10108	P129
G10071	P123	G10102	P163	G10107	P100	G10108	P129
G10071	P129	G10102	P163	G10107	P109	G10108	P129
G10071	P133	G10102	P167	G10107	P113	G10108	P133
G10071	P134	G10102	P167	G10107	P129	G10108	P134
G10071	P134	G10102	P215	G10107	P129	G10108	P136
G10071	P144	G10102	P269	G10107	P136	G10108	P138
G10071	P147	G10102	P279	G10107	P138	G10108	P138
G10071	P165	G10102	P283	G10107	P143	G10108	P141
G10071	P165	G10102	P291	G10107	P143	G10108	P143
G10071	P187	G10102	P293	G10107	P155	G10108	P163
G10071	P217	G10102	P299	G10107	P163	G10108	P163
G10071	P217	G10103	P134	G10107	P163	G10108	P168
G10071	P217	G10103	P157	G10107	P164	G10108	P175
G10071	P231	G10103	P157	G10107	P165	G10108	P183
G10071	P309	G10103	P308	G10107	P229	G10108	P229
G10071	P340	G10104	P7	G10107	P265	G10108	P266
G10073	P299	G10104	P26	G10107	P269	G10108	P267
G10085	P138	G10104	P63	G10107	P271	G10108	P269
G10096	P295	G10104	P63	G10107	P287	G10108	P269
G10096	P295	G10104	P64	G10107	P289	G10108	P271
G10096	P297	G10104	P64	G10107	P297	G10108	P275
G10100	P267	G10104	P81	G10107	P299	G10108	P279
G10101	P15	G10104	P138	G10107	P305	G10108	P287
G10101	P26	G10104	P169	G10107	P308	G10108	P289
G10101	P65	G10104	P265	G10108	P3	G10108	P291
G10101	P67	G10104	P267	G10108	P3	G10108	P303
G10101	P72	G10104	P269	G10108	P17	G10108	P310
G10101	P91	G10104	P269	G10108	P18	G10108	P340
G10101	P134	G10104	P279	G10108	P19	G10109	P13
G10101	P153	G10104	P283	G10108	P23	G10109	P15
G10101	P157	G10104	P293	G10108	P31	G10109	P39
G10101	P221	G10104	P295	G10108	P33	G10109	P41
G10101	P222	G10104	P304	G10108	P63	G10109	P73
G10101	P227	G10104	P333	G10108	P64	G10109	P85
G10101	P262	G10104	P335	G10108	P65	G10109	P167
G10101	P265	G10104	P336	G10108	P67	G10109	P216
G10101	P267	G10105	P128	G10108	P67	G10109	P233
G10101	P293	G10105	P145	G10108	P69	G10109	P263
G10101	P301	G10105	P266	G10108	P85	G10109	P265
G10101	P303	G10105	P293	G10108	P85	G10109	P265
G10101	P313	G10105	P295	G10108	P91	G10109	P271

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10110	P27	G10120	P73	G10204	P265	G10229	P183
G10110	P31	G10130	P72	G10204	P273	G10229	P185
G10110	P91	G10130	P153	G10207	P3	G10229	P187
G10110	P95	G10131	P134	G10209	P23	G10229	P221
G10110	P123	G10131	P152	G10209	P69	G10229	P222
G10110	P125	G10133	P15	G10209	P97	G10229	P227
G10110	P164	G10133	P39	G10209	P99	G10229	P262
G10110	P167	G10133	P41	G10210	P97	G10229	P265
G10110	P213	G10133	P233	G10210	P301	G10229	P267
G10110	P275	G10133	P265	G10211	P313	G10229	P267
G10110	P291	G10133	P265	G10216	P13	G10229	P278
G10110	P313	G10133	P271	G10217	P100	G10229	P279
G10111	P15	G10156	P85	G10217	P269	G10229	P303
G10111	P39	G10157	P128	G10219	P263	G10230	P7
G10111	P39	G10157	P130	G10220	P266	G10230	P13
G10111	P42	G10159	P131	G10227	P153	G10230	P15
G10111	P100	G10159	P141	G10227	P157	G10230	P26
G10111	P101	G10159	P163	G10227	P157	G10230	P63
G10111	P113	G10159	P164	G10227	P157	G10230	P63
G10111	P128	G10162	P194	G10227	P161	G10230	P64
G10111	P133	G10166	P293	G10227	P279	G10230	P64
G10111	P136	G10168	P155	G10228	P5	G10230	P81
G10111	P138	G10168	P163	G10228	P13	G10230	P130
G10111	P138	G10168	P167	G10228	P25	G10230	P265
G10111	P141	G10168	P167	G10228	P39	G10230	P267
G10111	P143	G10168	P287	G10228	P39	G10230	P267
G10111	P152	G10168	P289	G10228	P73	G10230	P269
G10111	P155	G10169	P128	G10228	P73	G10230	P269
G10111	P155	G10169	P130	G10228	P73	G10230	P279
G10111	P163	G10171	P119	G10228	P79	G10230	P283
G10111	P163	G10171	P283	G10228	P81	G10230	P295
G10111	P165	G10171	P283	G10228	P95	G10230	P304
G10111	P213	G10171	P283	G10228	P129	G10230	P333
G10111	P217	G10171	P299	G10228	P138	G10230	P335
G10111	P265	G10172	P136	G10228	P161	G10230	P343
G10111	P265	G10172	P138	G10228	P163	G10230	P343
G10111	P267	G10172	P183	G10228	P163	G10231	P147
G10111	P267	G10172	P193	G10228	P167	G10231	P295
G10111	P267	G10201	P18	G10228	P167	G10232	P161
G10111	P269	G10201	P19	G10228	P167	G10232	P161
G10111	P269	G10201	P31	G10228	P279	G10232	P185
G10111	P271	G10201	P65	G10228	P283	G10232	P227
G10111	P278	G10201	P67	G10229	P15	G10232	P227
G10111	P279	G10201	P119	G10229	P26	G10232	P265
G10111	P281	G10201	P283	G10229	P33	G10232	P269
G10111	P287	G10201	P283	G10229	P37	G10232	P283
G10111	P289	G10203	P275	G10229	P41	G10232	P283
G10111	P333	G10203	P309	G10229	P72	G10232	P283
G10111	P334	G10203	P313	G10229	P149	G10232	P283
G10111	P343	G10203	P328	G10229	P153	G10232	P299
G10112	P129	G10108	P105	G10229	P153	G10233	P72
G10112	P138	G10204	P9	G10229	P157	G10233	P149
G10118	P130	G10204	P13	G10229	P179	G10233	P150

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10233	P153	G10312	P281	G10460	P141	G10551	P63
G10233	P155	G10315	P31	G10460	P143	G10564	P25
G10233	P273	G10322	P267	G10460	P147	G10567	P17
G10233	P279	G10324	P170	G10460	P163	G10567	P36
G10233	P287	G10325	P9	G10460	P163	G10567	P79
G10233	P289	G10325	P31	G10460	P164	G10570	P36
G10235	P97	G10325	P109	G10460	P283	G10574	P39
G10235	P149	G10325	P119	G10460	P299	G10574	P42
G10235	P153	G10325	P121	G10460	P343	G10577X	P65
G10235	P203	G10326	P18	G10463	P63	G10583	P152
G10235	P205	G10328	P115	G10468	P133	G10583	P185
G10237	P267	G10328	P117	G10475	P29	G10585	P134
G10243	P33	G10328	P179	G10485	P295	G10587	P283
G10243	P105	G10330	P144	G10485	P297	G10588	P283
G10243	P222	G10336	P141	G10485	P333	G10592	P91
G10243	P227	G10338	P11	G10485	P335	G10592	P267
G10251	P121	G10338	P17	G10485	P336	G10594	P267
G10252	P233	G10338	P67	G10492	P229	G10595	P155
G10253	P157	G10338	P123	G10496	P72	G10595	P287
G10257	P121	G10338	P125	G10496	P149	G10595	P289
G10257	P157	G10341	P64	G10496	P157	G10599	P15
G10260	P35	G10345	P149	G10496	P279	G10599	P26
G10261	P35	G10345	P155	G10497	P157	G10599	P65
G10278	P301	G10345	P163	G10499	P265	G10599	P69
G10278	P304	G10345	P287	G10501	P39	G10599	P86
G10284	P63	G10345	P289	G10502X	P1	G10599	P113
G10303	P73	G10348	P39	G10503	P41	G10599	P119
G10303	P150	G10350	P307	G10503	P155	G10599	P129
G10303	P153	G10371	P39	G10503	P265	G10599	P267
G10303	P155	G10374	P157	G10503	P271	G10599	P293
G10303	P263	G10396	P343	G10503	P287	G10602	P17
G10303	P283	G10397	P217	G10503	P289	G10602	P36
G10303	P283	G10397	P287	G10504	P265	G10602	P150
G10303	P287	G10397	P289	G10504X	P61	G10602	P152
G10303	P289	G10403	P164	G10507	P267	G10602	P155
G10305	P33	G10412	P73	G10509	P171	G10602	P278
G10305	P265	G10419	P279	G10527	P138	G10602	P281
G10306	P269	G10436	P133	G10527	P152	G10602	P285
G10306	P271	G10437	P134	G10529	P115	G10602	P285
G10306	P303	G10438	P3	G10529	P117	G10602	P287
G10307	P65	G10441	P144	G10531	P35	G10602	P289
G10308	P15	G10448	P235	G10531	P45	G10603	P271
G10308	P23	G10450	P269	G10531	P263	G10606	P131
G10309	P17	G10451	P25	G10531	P327	G10610	P129
G10309	P63	G10451	P63	G10531M	P71	G10615	P301
G10309	P134	G10455	P153	G10535	P73	G10616	P291
G10310	P11	G10455	P278	G10536	P164	G10619	P295
G10310	P31	G10456	P265	G10542	P265	G10619	P297
G10310	P67	G10457	P129	G10544	P167	G10619	P301
G10310	P327	G10459	P267	G10546	P17	G10620	P3
G10312	P3	G10460	P129	G10546	P36	G10620	P11
G10312	P31	G10460	P131	G10546	P157	G10620	P17
G10312	P33	G10460	P134	G10551	P3	G10620	P31

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10620	P33	G10624	P315	G10676	P83	G10804	P157
G10620	P45	G10624	P317	G10676	P283	G10808	P134
G10620	P67	G10624	P318	G10676	P291	G10809	P129
G10620	P69	G10626	P291	G10676	P305	G10821	P153
G10620	P71	G10626	P295	G10676	P309	G10821	P278
G10620	P83	G10626	P297	G10676	P328	G10826	P343
G10620	P85	G10626	P301	G10676	P329	G10828	P138
G10620	P123	G10626	P333	G10676	P337	G10829	P231
G10620	P125	G10626	P335	G10681	P192	G10830	P271
G10620	P143	G10626	P343	G10681	P213	G10831	P233
G10620	P150	G10629	P333	G10681	P265	G10844	P163
G10620	P153	G10629	P334	G10681	P275	G10844	P167
G10620	P155	G10630	P291	G10681	P304	G10859	P157
G10620	P227	G10630	P305	G10686	P168	G10860	P141
G10620	P233	G10633	P291	G10686	P222	G10860	P152
G10620	P273	G10636	P134	G10686	P226	G10860	P281
G10620	P287	G10636	P138	G10687	P19	G10860	P293
G10620	P289	G10636	P143	G10688	P152	G10862	P267
G10620	P341	G10636	P144	G10689	P136	G10864	P31
G10621	P11	G10636	P147	G10689	P143	G10870	P141
G10621	P17	G10636	P299	G10689	P143	G10870	P152
G10621	P23	G10638	P327	G10693	P303	G10870	P281
G10621	P31	G10640	P146	G10718	P63	G10871	P269
G10621	P33	G10640	P164	G10722	P167	G10880	P99
G10621	P37	G10640	P164	G10725	P167	G10887	P295
G10621	P63	G10640	P164	G10727	P168	G10887	P297
G10621	P67	G10640	P265	G10732	P7	G10887	P301
G10621	P69	G10640	P267	G10732	P63	G10888	P291
G10621	P79	G10640	P269	G10743	P165	G10889	P305
G10621	P105	G10640	P271	G10751	P7	G10890	P150
G10621	P121	G10640	P279	G10751	P63	G10900	P157
G10621	P141	G10640	P283	G10751	P64	G10901	P86
G10621	P149	G10640	P299	G10752	P7	G10901	P101
G10621	P169	G10641	P133	G10752	P17	G10901	P134
G10621	P169	G10641	P266	G10752	P73	G10901	P295
G10621	P194	G10643	P163	G10753	P3	G10901	P297
G10621	P197	G10647	P134	G10753	P67	G10901	P328
G10621	P217	G10655	P283	G10753	P85	G10901	P333
G10621	P233	G10660	P36	G10755	P83	G10901	P335
G10621	P234	G10670	P31	G10756	P343	G10907	P173
G10621	P235	G10670	P33	G10757	P31	G10907	P173
G10621	P237	G10670	P37	G10758	P31	G10907	P175
G10621	P327	G10670	P283	G10758	P121	G10908	P271
G10621	P327	G10670	P293	G10758	P222	G10913	P146
G10622	P9	G10672	P283	G10758	P227	G10917	P301
G10622	P23	G10672	P343	G10765	P41	G10917	P304
G10622	P45	G10674	P291	G10765	P129	G10918	P79
G10622	P71	G10674	P291	G10765	P157	G10918X	P61
G10622	P113	G10674	P295	G10770	P177	G10921X	P1
G10622	P217	G10674	P297	G10770	P177	G10923	P72
G10622	P229	G10674	P301	G10776	P85	G10923	P153
G10622	P275	G10674	P333	G10779	P143	G10923	P281
G10623	P305	G10674	P335	G10779	P170	G10927	P222

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10927	P227	G11048X	P29	G11106	P237	G11303	P109
G10928	P222	G11065	P121	G11106X	P29	G11313	P133
G10928	P227	G11065	P186	G11107X	P29	G11314	P134
G10931	P121	G11065	P227	G11123	P45	G11314	P147
G10931	P222	G11065	P327	G11123	P105	G11319	P164
G10931	P227	G11066	P160	G11123	P231	G11320	P115
G10939	P27	G11066	P160	G11124	P105	G11320	P117
G10939	P123	G11066	P185	G11124	P231	G11320	P164
G10939	P125	G11067	P185	G11133	P86	G11320	P340
G10939	P157	G11067	P231	G11135	P213	G11320	P341
G10939	P175	G11068	P186	G11135	P308	G11328	P115
G10940	P13	G11068	P262	G11146	P83	G11328	P117
G10943	P197	G11073	P36	G11147	P83	G11332X	P29
G10954	P231	G11075	P149	G11152X	P29	G11339	P231
G10955	P143	G11075	P279	G11153X	P29	G11339	P233
G10955	P235	G11078	P149	G11154X	P29	G11341	P262
G10960	P45	G11078	P279	G11158	P91	G11360	P113
G10960	P71	G11081	P147	G11158	P91	G11367	P113
G10961	P45	G11083	P304	G11158	P95	G11383	P262
G10961	P71	G11091	P7	G11166	P85	G11385	P25
G10961	P119	G11091	P11	G11166	P231	G11385	P27
G10961	P273	G11091	P27	G11170	P136	G11385	P31
G10966	P31	G11091	P85	G11172	P28	G11385	P36
G10968	P72	G11091	P109	G11182	P86	G11385	P79
G10972	P171	G11091	P115	G11182	P119	G11385	P123
G10974	P41	G11091	P117	G11182	P301	G11385	P125
G10977	P185	G11091	P119	G11188	P83	G11385	P134
G10984X	P1	G11091	P123	G11202	P35	G11385	P194
G10985X	P61	G11091	P125	G11202	P231	G11385	P213
G10988	P105	G11091	P134	G11203	P313	G11385	P219
G10990	P179	G11091	P136	G11209	P31	G11385	P233
G10991	P269	G11091	P136	G11213	P234	G11385	P235
G10991	P303	G11091	P138	G11215	P85	G11385	P291
G10992	P160	G11091	P169	G11215	P105	G11385	P313
G10992	P160	G11091	P185	G11220	P5	G11385	P327
G10992	P231	G11091	P193	G11223	P130	G11385	P340
G10995	P304	G11091	P216	G11228	P41	G11385	P341
G10996	P157	G11091	P226	G11230	P134	G11386	P13
G10996	P195	G11091	P233	G11232	P136	G11386	P13
G10996	P219	G11091	P234	G11236	P41	G11386	P13
G10996	P195	G11091	P262	G11237	P301	G11386	P13
G11009	P23	G11091	P291	G11241	P227	G11386	P73
G11009	P29	G11091	P295	G11241	P327	G11386	P79
G11009	P69	G11091	P297	G11242	P313	G11386	P85
G11009	P123	G11091	P308	G11249	P45	G11386	P119
G11009	P125	G11091	P309	G11249	P71	G11386	P161
G11015	P3	G11091	P335	G11249	P119	G11386	P161
G11018	P5	G11091	P340	G11254	P144	G11386	P168
G11018	P81	G11091	P343	G11281	P29	G11386	P216
G11034	P271	G11100	P149	G11284	P121	G11386	P233
G11042X	P29	G11100	P153	G11288	P222	G11386	P265
G11046X	P29	G11100	P279	G11288	P227	G11386	P265
G11047X	P29	G11105X	P29	G11289	P301	G11386	P269

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G11386	P283	G11387	P267	G11389	P333	G11396	P147
G11386	P283	G11387	P267	G11389	P334	G11396	P299
G11386	P283	G11387	P269	G11389	P343	G11396	P343
G11386	P301	G11387	P271	G11390	P281	G11400	P147
G11386	P341	G11387	P278	G11391	P5	G11400	P164
G11387	P3	G11387	P279	G11391	P7	G11400	P164
G11387	P3	G11387	P291	G11391	P15	G11400	P164
G11387	P15	G11387	P293	G11391	P25	G11401	P121
G11387	P15	G11387	P303	G11391	P73	G11409	P105
G11387	P17	G11387	P310	G11391	P81	G11409	P105
G11387	P18	G11387	P340	G11391	P109	G11409	P169
G11387	P19	G11389	P5	G11391	P113	G11409	P169
G11387	P26	G11389	P25	G11391	P128	G11409	P231
G11387	P31	G11389	P41	G11391	P129	G11415	P329
G11387	P64	G11389	P63	G11391	P129	G11418	P167
G11387	P64	G11389	P69	G11391	P130	G11418	P231
G11387	P65	G11389	P73	G11391	P136	G11419	P15
G11387	P67	G11389	P73	G11391	P138	G11436	P267
G11387	P72	G11389	P79	G11391	P138	G11445	P35
G11387	P83	G11389	P81	G11391	P155	G11447	P35
G11387	P85	G11389	P86	G11391	P163	G11448	P29
G11387	P86	G11389	P91	G11391	P163	G11453	P153
G11387	P91	G11389	P91	G11391	P164	G11453	P279
G11387	P91	G11389	P101	G11391	P165	G11457	P328
G11387	P95	G11389	P103	G11391	P167	G11458	P313
G11387	P97	G11389	P113	G11391	P169	G11458	P331
G11387	P99	G11389	P128	G11391	P229	G11460	P315
G11387	P105	G11389	P129	G11391	P231	G11460	P317
G11387	P109	G11389	P129	G11391	P266	G11460	P318
G11387	P110	G11389	P134	G11391	P267	G11467	P313
G11387	P113	G11389	P134	G11391	P269	G11467	P331
G11387	P119	G11389	P138	G11391	P271	G11468	P310
G11387	P125	G11389	P141	G11391	P273	G11468	P311
G11387	P133	G11389	P143	G11391	P287	G11468	P328
G11387	P133	G11389	P150	G11391	P289	G11468	P329
G11387	P134	G11389	P155	G11391	P293	G11468	P337
G11387	P136	G11389	P165	G11391	P297	G11494	P328
G11387	P139	G11389	P213	G11391	P299	G11494	P337
G11387	P149	G11389	P215	G11391	P305	G11497	P311
G11387	P149	G11389	P217	G11391	P308	G11497	P329
G11387	P153	G11389	P217	G11391	P343	G11497	P337
G11387	P157	G11389	P265	G11391	P343	G11508	P328
G11387	P163	G11389	P267	G11392	P41	G11508	P337
G11387	P183	G11389	P269	G11392	P85	G11514	P7
G11387	P193	G11389	P269	G11392	P119	G11514	P63
G11387	P213	G11389	P279	G11392	P128	G11514	P64
G11387	P216	G11389	P279	G11392	P143	G11518	P105
G11387	P217	G11389	P281	G11392	P145	G11522	P119
G11387	P229	G11389	P287	G11392	P147	G11528	P119
G11387	P233	G11389	P289	G11392	P293	G11528	P231
G11387	P234	G11389	P291	G11393	P235	G11539	P69
G11387	P262	G11389	P293	G11394	P134	G11554	P315
G11387	P265	G11389	P299	G11396	P143	G11554	P317

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G11554	P318	G10002701	P121	G10098301	P91	G10191301	P190
G11555	P281	G10010901	P63	G10098301	P95	G10194501	P97
G11556	P29	G10011001	P63	G10098401	P91	G10194501	P99
G11556	P217	G10011101	P7	G10098401	P95	G10201101	P219
G11556	P217	G10011201	P7	G10109101	P119	G10207201	P97
G11574	P313	G10017201	P115	G10112902	P229	G10207201	P99
G11575	P313	G10017201	P117	G10112902	P231	G10211501	P97
G11578	P29	G10017301	P115	G10114001	P231	G10211501	P99
G11583	P313	G10017301	P117	G10116601	P23	G10213501	P247
G11583	P331	G10018801	P9	G10117601	P83	G10213502	P247
G11588	P29	G10019401	P189	G10117801	P85	G10213601	P45
G11588	P231	G10020601	P235	G10122301	P3	G10213601	P71
G11591	P3	G10023601	P105	G10122301	P63	G10213601	P247
G11592	P3	G10028601	P13	G10123401	P199	G10213601	P249
G11616	P262	G10028701	P13	G10129501	P119	G10213602	P45
G11618	P28	G10028801	P13	G10132501	P119	G10213602	P71
G11619	P28	G10037301	P9	G10146001	P23	G10213602	P247
G11619	P29	G10038601	P3	G10147301	P355	G10213602	P249
G11687	P35	G10038601	P63	G10150201	P239	G10216901	P91
G11693	P29	G10041501	P105	G10150201	P243	G10216901	P95
G11698	P313	G10049501	P91	G10150201	P247	G10217601	P243
G11704	P86	G10049501	P95	G10150201	P249	G10217601	P249
G11742	P168	G10049501	P239	G10150301	P239	G10225101	P85
G11793	P36	G10049501	P243	G10150301	P243	G10229201	P109
G11848	P119	G10049501	P247	G10150301	P247	G10230101	P71
G11862	P15	G10049501	P249	G10150301	P249	G10234201	P86
G11875	P25	G10049501	P261	G10163001	P129	G10242601	P121
G11929	P45	G10049501	P264	G10164901	P233	G10242801	P121
G11929	P69	G10053801	P191	G10169501	P230	G10242801	P239
G11929	P71	G10057501	P119	G10169601	P189	G10242801	P243
G11958	P23	G10060901	P261	G10169701	P191	G10242801	P247
G11958	P263	G10068001	P355	G10170701	P198	G10242801	P249
G11970	P340	G10069801	P235	G10170701	P199	G10243001	P237
G11975	P133	G10072201	P235	G10171901	P239	G10243101	P239
G11976	P7	G10075801	P197	G10171901	P243	G10243101	P243
G11976	P63	G10079201	P233	G10171901	P247	G10244501	P85
G11976	P64	G10083301	P85	G10171901	P249	G10246001	P115
G11998	P33	G10087001	P97	G10174801	P83	G10246001	P117
G12000-40	P100	G10087001	P99	G10174901	P83	G10246301	P115
G12002-35	P100	G10087101	P235	G10175001	P83	G10246301	P117
G12002-35	P319	G10087201	P235	G10175101	P83	G10246501	P109
G12002-60	P100	G10088301	P45	G10175801	P83	G10252301	P217
G12003-20	P311	G10088301	P71	G10175901	P83	G10254701	P228
G12003-20	P313	G10090401	P9	G10176901	P45	G10254801	P228
G12015	P100	G10090801	P134	G10176901	P71	G10254901	P228
G12039	P100	G10090901	P134	G10176901	P313	G10258402	P3
G12081	P311	G10091001	P134	G10180301	P125	G10258501	P63
G12081	P313	G10091101	P134	G10184801	P79	G10259801	P239
G12083	P313	G10091201	P134	G10184901	P79	G10259801	P247
G12103	P223	G10091301	P134	G10188701	P85	G10265001	P121
G12164	P100	G10091901	P134	G10188801	P85	G10266901	P121
G12212-08	P223	G10098201	P97	G10190001	P194	G10267101	P121
G12222-35	P319	G10098201	P99	G10190401	P109	G10267401	P71

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10267501	P45	G10331001	P97	G10398301	P311	G10510201	P310
G10267601	P45	G10331001	P99	G10398701	P313	G10513001	P321
G10267601	P71	G10334701	P13	G10398701	P323	G10513101	P321
G10268301	P287	G10334801	P13	G10398801	P322	G10514101	P319
G10268301	P289	G10334901	P13	G10399301	P319	G10515001	P239
G10268401	P229	G10335001	P13	G10399301	P321	G10515001	P243
G10269201	P239	G10335101	P13	G10402701	P3	G10515001	P249
G10269201	P243	G10335201	P13	G10402801	P233	G10515101	P315
G10269201	P247	G10337201	P95	G10403501	P169	G10515101	P317
G10269201	P249	G10337301	P91	G10403801	P169	G10515101	P318
G10269201	P262	G10337601	P91	G10406601	P311	G10522501	P324
G10269501	P188	G10338901	P239	G10406701	P310	G10532101	P319
G10285701	P91	G10338901	P247	G10406701	P311	G10542203	P215
G10286101	P239	G10341001	P86	G10406701	P328	G10542204	P215
G10286102	P121	G10341101	P86	G10406701	P329	G10556101	P319
G10286102	P243	G10342401	P247	G10406701	P337	G10556201	P319
G10286102	P247	G10349401	P190	G10406801	P313	G10567801	P91
G10286102	P249	G11009201	P105	G10406801	P331	G10567801	P95
G10288501	P91	G10357401	P264	G10418802	P45	G10568101	P188
G10291001	P79	G10358301	P243	G10418802	P71	G10568101	P213
G10292201	P165	G10358301	P249	G10425201	P310	G10580101	P313
G10293301	P234	G10358601	P216	G10428101	P119	G10584701	P230
G10299101	P239	G10364801	P85	G10434301	P319	G10600701	P231
G10299101	P247	G10365501	P351	G10434301	P321	G10605101	P147
G10299201	P243	G10367101	P347	G10437701	P85	G10608701	P315
G10299201	P249	G10367201	P354	G10437901	P310	G10608701	P318
G10299601	P29	G10367701	P350	G10437901	P311	G10609002	P313
G10301401	P115	G10371001	P263	G10439801	P115	G10609019	P339
G10301401	P117	G10371401	P97	G10439801	P117	G10609020	P339
G10302401	P45	G10371601	P97	G10444801	P333	G10610201	P328
G10302503	P119	G10371801	P354	G10444801	P334	G10611001	P319
G10306201	P189	G10371901	P349	G10464101	P310	G10612801	P329
G10306701	P289	G10374301	P262	G10464101	P328	G10614301	P29
G10306801	P287	G10375003	P262	G10464101	P329	G10616501	P338
G10306801	P289	G10375101	P262	G10464101	P337	G10616601	P338
G10307401	P287	G10375201	P262	G10466101	P313	G10616701	P338
G10307901	P85	G10375401	P71	G10473901	P328	G10616801	P338
G10315001	P287	G10375501	P71	G10473901	P329	G10617801	P45
G10315001	P289	G10375601	P262	G10474701	P310	G10617901	P71
G10316301	P217	G10383201	P168	G10475701	P221	G10618301	P313
G10316301	P239	G10383301	P354	G10475701	P227	G10629601	P119
G10316301	P243	G10393101	P239	G10483101	P29	G10629701	P313
G10316301	P247	G10393101	P243	G10483101	P29	G10629801	P313
G10316301	P249	G10393101	P247	G10483201	P29	G10629901	P313
G10317801	P305	G10393101	P249	G10483401	P29	G10630001	P119
G10318901	P230	G10395301	P97	G10488901	P121	G10630101	P297
G10320601	P71	G10395301	P99	G10489201	P119	G10630101	P335
G10322501	P13	G10395401	P99	G10495105	P115	G10630101	P336
G10327301	P262	G10395801	P97	G10495105	P117	G10631901	P323
G10327601	P262	G10395901	P97	G10496401	P313	G10632101	P313
G10327701	P262	G10395901	P99	G10500901	P3	G10636801	P313
G10329601	P216	G10396901	P91	G10500901	P63	G10640401	P329
G10329801	P17	G10396901	P95	G10510201	P308	G10641801	P333

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10641901	P333	G10741301	P313	G10829101	P337	G10864901	P239
G10642901	P333	G10745401	P221	G10832301	P326	G10864901	P243
G10643001	P328	G10745401	P227	G10832401	P326	G10864901	P256
G10649801	P91	G10764001	P319	G10832701	P326	G10864901	P258
G10649801	P95	G10764001	P321	G10833001	P315	G10865001	P317
G10649801	P261	G10764101	P319	G10833001	P317	G10865001	P318
G10649801	P264	G10764101	P321	G10833001	P318	G10865101	P317
G10663901	P313	G10771701	P339	G10833101	P326	G10865101	P318
G10664901	P29	G10771801	P339	G10835201	P252	G10865601	P315
G10665001	P29	G10771901	P313	G10835201	P253	G10865601	P318
G10665101	P29	G10772302	P325	G10835201	P254	G10865701	P315
G10666701	P334	G10772501	P326	G10835201	P255	G10865701	P318
G10678401	P310	G10772601	P325	G10840302	P256	G10884801	P239
G10681801	P313	G10773001	P325	G10840302	P257	G10884801	P243
G10682001	P311	G10773101	P324	G10840302	P258	G10884801	P256
G10685001	P333	G10773301	P315	G10840302	P259	G10884801	P258
G10685101	P335	G10773301	P317	G10840303	P256	G10887501	P355
G10685101	P336	G10773301	P318	G10840303	P257	G10887601	P239
G10685701	P308	G10773801	P315	G10840303	P258	G10887601	P247
G10691801	P340	G10773801	P317	G10840303	P259	G10887601	P249
G10694601	P128	G10773801	P318	G10840305	P256	G10887701	P243
G10695701	P263	G10804001	P324	G10840305	P257	G10912601	P217
G10698001	P239	G10804002	P324	G10840305	P258	G10922201	P319
G10698001	P243	G10804003	P324	G10840305	P259	G10926001	P341
G10698001	P247	G10804004	P324	G10840901	P326	G10928301	P146
G10698001	P249	G10804005	P324	G10846301	P319	G10936101	P29
G10707401	P334	G10805701	P95	G10851101	P138	G10936301	P115
G10708101	P334	G10814401	P319	G10851201	P239	G10936301	P117
G10709801	P253	G10817601	P319	G10851201	P243	G10944501	P275
G10709801	P255	G10817701	P313	G10851201	P247	G10963001	P326
G10709901	P252	G10820001	P327	G10851201	P249	G10963101	P110
G10709901	P253	G10820002	P327	G10856502	P295	G10963101	P239
G10709901	P255	G10820003	P327	G10856602	P297	G10963101	P243
G10709902	P253	G10820004	P327	G10864001	P247	G10963101	P247
G10709902	P254	G10820005	P327	G10864001	P249	G10963101	P249
G10709902	P255	G10820006	P327	G10864001	P257	G10967101	P110
G10710001	P252	G10820007	P327	G10864001	P259	G10967201	P110
G10710001	P254	G10820008	P327	G10864101	P247	G10967301	P110
G10710002	P252	G10820009	P327	G10864101	P249	G10967401	P109
G10710002	P254	G10820010	P327	G10864101	P257	G10974401	P323
G10710101	P252	G10820011	P327	G10864101	P259	G10974501	P323
G10710101	P254	G10820012	P327	G10864201	P247	G10974601	P323
G10713301	P252	G10820013	P327	G10864201	P249	G10974701	P323
G10724901	P91	G10820014	P327	G10864201	P257	G10974801	P322
G10724901	P95	G10829101	P309	G10864201	P259	G10974901	P322
G10724901	P261	G10829101	P315	G10864401	P256	G10975001	P322
G10724901	P264	G10829101	P317	G10864401	P257	G10975101	P322
G10737701	P91	G10829101	P318	G10864401	P258	G10975201	P322
G10737701	P95	G10829101	P328	G10864401	P259	G10975301	P323
G10737701	P264	G10829101	P329	G10864801	P239	G10975401	P323
G10740201	P340	G10829101	P331	G10864801	P243	G10975501	P323
G10740301	P340	G10829101	P333	G10864801	P256	G10975601	P321
G10740501	P340	G10829101	P334	G10864801	P258	G10975701	P321

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
G10975801	P321	G11043503	P117	GA1720	P7	GA5107	P152
G10975901	P321	G11043504	P117	GA1720	P11	GA5107	P278
G10976001	P321	G11044501	P128	GA1720	P67	GA5108	P152
G10976101	P321	G11044901	P239	GA2007	P17	GA5109	P151
G10976201	P321	G11044901	P243	GA2007	P63	GA5109	P152
G10976301	P321	G11044901	P247	GA2012L	P9	GA5109	P281
G10976401	P321	G11044901	P249	GA2012R	P9	GA5110	P151
G10976501	P321	G11045701	P115	GA2014	P39	GA5110	P152
G10976601	P321	G11045701	P117	GA2014	P41	GA5111	P151
G10976701	P321	G11050701	P310	GA2014	P265	GA5111	P152
G10976801	P321	G11074801	P239	GA2014	P271	GA5112	P151
G10976901	P321	G11074801	P243	GA2068	P149	GA5112	P152
G10977001	P321	G11074801	P247	GA2180	P72	GA5113	P151
G10977101	P321	G11074801	P249	GA2180	P153	GA5113	P151
G10977201	P321	G11074802	P239	GA2528	P219	GA5113	P152
G10977301	P321	G11074802	P243	GA2612	P219	GA5113	P155
G10977401	P321	G11074802	P247	GA2660	P305	GA5114	P152
G10983101	P29	G11074802	P249	GA3407	P186	GA5114	P278
G10983201	P29	G11105001	P230	GA3413	P185	GA5114	P279
G10983301	P29	G11111301	P144	GA3584	P136	GA5114	P287
G10984101	P100	G11113501	P115	GA3584	P138	GA5115	P278
G10984201	P100	G11113501	P117	GA3584	P185	GA5116	P279
G10984701	P100	G11113601	P115	GA3584	P218	GA5116	P281
G10984801	P101	G11113601	P117	GA3893	P301	GA5121	P138
G10984901	P100	G11114401	P105	GA4286	P266	GA5121	P141
G10984901	P101	G11114501	P100	GA4287	P266	GA5121	P143
G10985001	P101	G11114501	P101	GA4293	P185	GA5164	P149
G10985101	P100	G11114601	P100	GA4293	P192	GA5164	P155
G10985201	P100	G11114601	P101	GA4293	P193	GA5194	P155
G10985301	P100	G11131901	P143	GA4293	P194	GA5194	P287
G10985401	P100	G11143801	P247	GA4376	P147	GA5194	P289
G10985501	P100	G11143801	P249	GA4444	P33	GA5229	P278
G10986701	P327	G11194401	P144	GA4444	P37	GA5385	P218
G10986801	P327	G11211601	P101	GA4722	P146	GA5548	P153
G10986901	P327	G11211801	P101	GA4723	P146	GA5600	P221
G10987001	P327	G11211901	P101	GA4729	P146	GA5600	P227
G10987201	P327	G11212501	P102	GA4736	P144	GA5624	P278
G10991001	P327	G11212601	P102	GA4736	P146	GA5654	P39
G10992701	P275	G11212701	P103	GA4842	P129	GA5654	P41
G10993901	P115	G11212801	P103	GA4843	P129	GA5654	P271
G10993901	P117	G106855501	P340	GA4976	P295	GA5667	P283
G10994101	P115	GA0167	P167	GA4976	P297	GA5671	P279
G10994101	P117	GA0237	P266	GA4976	P301	GA5672	P279
G10994201	P115	GA0241	P299	GA4976	P343	GA5842	P129
G10994201	P117	GA0245	P167	GA4995	P128	GA5853	P167
G10994301	P117	GA0257	P167	GA5105	P151	GA5887	P266
G10994401	P117	GA0262	P293	GA5105	P151	GA6108	P219
G11007101	P324	GA0312	P265	GA5105	P152	GA6109	P218
G10305	P105	GA0328	P265	GA5105	P278	GA6147	P222
G11015101	P134	GA0547	P299	GA5106	P151	GA6147	P227
G11027901	P169	GA0810	P265	GA5106	P152	GA6171	P13
G11043501	P115	GA0898	P283	GA5107	P73	GA6171	P15
G11043502	P115	GA1369	P265	GA5107	P151	GA6171	P15

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GA6171	P15	GA7372	P150	GA8845	P265	GA10047	P269
GA6171	P273	GA7390	P138	GA8859	P179	GA10048	P269
GA6337	P278	GA7396	P279	GA8904	P143	GA10054	P157
GA6434	P15	GA7424	P133	GA8904	P171	GA10151	P67
GA6497	P138	GA7433	P129	GA8931	P304	GA10157	P3
GA6503	P283	GA7434	P146	GA8931	P307	GA10765	P105
GA6527	P304	GA7434	P147	GA8979	P179	GA10799	P85
GA6597	P15	GA7445	P271	GA9088	P165	GA10799	P105
GA6608	P134	GA7446	P271	GA9096	P218	GA10832	P151
GA6608	P203	GA7579	P138	GA9097	P185	GA10832	P152
GA6608	P205	GA7845	P305	GA9098	P186	GA10918	P99
GA6741	P31	GA7852	P221	GA9105	P63	GA10977	P151
GA6832	P39	GA7852	P227	GA9144	P221	GA10977	P153
GA6833	P39	GA7853	P221	GA9145	P163	GA11079	P130
GA6834	P39	GA7853	P225	GA9195	P265	GA11331	P281
GA6838	P39	GA7854	P221	GA9202	P218	GA11397	P269
GA6907	P31	GA7855	P221	GA9204	P218	GA11398	P269
GA6943	P138	GA7857	P221	GA9205	P134	GA11528	P91
GA6960	P343	GA7859	P221	GA9205	P177	GA11736	P219
GA6961	P343	GA7859	P227	GA9407	P304	GA11913	P138
GA6964	P143	GA7863	P219	GA9407	P307	GA11934	P192
GA6966	P269	GA7998	P271	GA9433	P269	GA11971	P63
GA6975	P219	GA7999	P271	GA9434	P269	GA11971	P81
GA6977	P219	GA8046	P222	GA9437	P269	GA11982	P5
GA6978	P219	GA8046	P227	GA9472	P273	GA11982	P81
GA7016	P129	GA8047	P219	GA9480	P157	GA11988	P161
GA7018	P131	GA8047	P222	GA9481	P219	GA11991	P161
GA7019	P131	GA8047	P227	GA9482	P157	GA11992	P161
GA7022	P129	GA8050	P227	GA9546	P123	GA11997	P161
GA7022	P134	GA8092	P73	GA9557	P155	GA12104	P161
GA7023	P136	GA8092	P153	GA9557	P287	GA12143	P17
GA7039	P138	GA8135	P222	GA9558	P155	GA12163	P130
GA7077	P219	GA8326	P36	GA9558	P287	GA12164	P130
GA7096	P143	GA8328	P159	GA9558	P289	GA12191	P151
GA7098	P134	GA8329	P159	GA9559	P129	GA12191	P151
GA7110	P157	GA8364	P36	GA9559	P177	GA12191	P152
GA7111	P155	GA8366	P36	GA9819	P265	GA12192	P149
GA7111	P157	GA8371	P33	GA9819	P269	GA12192	P151
GA7133	P295	GA8371	P37	GA9820	P265	GA12192	P279
GA7137	P157	GA8393	P157	GA9820	P269	GA12192	P287
GA7154	P73	GA8483	P265	GA9837	P128	GA12192	P289
GA7154	P150	GA8603	P42	GA9843	P149	GA12235	P41
GA7154	P155	GA8603	P269	GA9843	P289	GA12236	P39
GA7154	P155	GA8641	P42	GA9846	P150	GA12236	P41
GA7154	P281	GA8645	P63	GA9964	P85	GA12335	P301
GA7154	P287	GA8651	P64	GA9964	P159	GA12335	P303
GA7154	P289	GA8685	P265	GA9964	P159	GA12358	P161
GA7221	P171	GA8688	P267	GA9978	P222	GA12403	P121
GA7239	P267	GA8689	P267	GA9978	P227	GA12403	P221
GA7240	P267	GA8731	P219	GA9979	P222	GA12537	P225
GA7313	P151	GA8734	P219	GA9979	P227	GA12538	P227
GA7336	P153	GA8735	P219	GA10036	P273	GA12539	P223
GA7336	P278	GA8760	P41	GA10037	P273	GA12540	P225

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GA12557	P225	GA14112	P295	GA16157	P297	GA18373	P284
GA12558	P225	GA14112	P297	GA16340	P219	GA18374	P284
GA12559	P225	GA14127	P160	GA16351	P225	GA18375	P284
GA12563	P227	GA14135	P121	GA16374	P11	GA18380	P279
GA12564	P225	GA14152	P91	GA16374	P67	GA18381	P279
GA12566	P225	GA14152	P95	GA16374	P225	GA18382	P281
GA12567	P225	GA14349	P147	GA16375	P225	GA18385	P285
GA12568	P225	GA14361	P164	GA16376	P225	GA18404	P284
GA12596	P225	GA14372	P109	GA16381	P225	GA18405	P284
GA12598	P225	GA14373	P109	GA16382	P225	GA18486	P216
GA12626	P161	GA14402	P165	GA16383	P225	GA18486	P218
GA12641	P227	GA14412	P147	GA16392	P159	GA18576	P275
GA12641	P327	GA14413	P147	GA16392	P239	GA18613	P281
GA12677	P64	GA14446	P95	GA16392	P243	GA18614	P281
GA12812	P85	GA14448	P223	GA16393	P225	GA18720	P310
GA12812	P159	GA14449	P223	GA16428	P295	GA18720	P333
GA12813	P159	GA14450	P225	GA16428	P297	GA18720	P334
GA12852	P223	GA14452	P225	GA16826	P225	GA18904	P109
GA12853	P223	GA14478	P180	GA16829	P225	GA18905	P113
GA12858	P159	GA14481	P180	GA16831	P225	GA18948	P109
GA12868	P223	GA14489	P187	GA16923	P227	GA18958	P164
GA13114	P163	GA14516	P146	GA17080	P109	GA18959	P163
GA13169	P161	GA14519	P136	GA17118	P324	GA18960	P136
GA13340	P165	GA14520	P343	GA17119	P324	GA18961	P136
GA13487	P164	GA14571	P216	GA17542	P225	GA18977	P179
GA13512	P161	GA14593	P106	GA17543	P225	GA19160	P324
GA13521	P222	GA14600	P143	GA17544	P225	GA19161	P324
GA13551	P227	GA14804	P161	GA17547	P159	GA19162	P324
GA13562	P223	GA14804	P313	GA17547	P219	GA19163	P324
GA13572	P223	GA14813	P313	GA17547	P221	GA19164	P324
GA13632	P333	GA14822	P115	GA17547	P239	GA19165	P324
GA13665	P130	GA14822	P117	GA17547	P243	GA19166	P324
GA13667	P85	GA14846	P159	GA17595	P7	GA19167	P324
GA13673	P130	GA14847	P85	GA17596	P7	GA20111	P29
GA13719	P163	GA14943	P129	GA17975	P150	GA20252	P213
GA13719	P167	GA15151	P167	GA17975	P281	GA20269	P193
GA13741	P185	GA15197	P15	GA18195	P35	GA20269	P199
GA13764	P163	GA15197	P26	GA18275	P73	GA20270	P197
GA13768	P129	GA15415	P267	GA18275	P153	GA20271	P197
GA13783	P130	GA15416	P267	GA18276	P72	GA20272	P193
GA13790	P141	GA15473	P35	GA18276	P153	GA20272	P197
GA13790	P149	GA15485	P23	GA18281	P138	GA20622	P29
GA13934	P138	GA15485	P45	GA18282	P164	GA20640	P11
GA13935	P179	GA15485	P69	GA18283	P163	GA20640	P17
GA13939	P179	GA15485	P71	GA18287	P179	GA20640	P123
GA13944	P159	GA15485	P110	GA18296	P136	GA20640	P125
GA13994	P163	GA15499	P201	GA18297	P136	GA20687	P143
GA14040	P119	GA15499	P203	GA18304	P64	GA20710	P35
GA14041	P113	GA15499	P205	GA18311	P273	GA20711	P239
GA14041	P119	GA15499	P206	GA18316	P143	GA20711	P243
GA14052	P113	GA16082	P221	GA18318	P143	GA20712	P29
GA14052	P119	GA16145	P343	GA18353	P169	GA20712	P33
GA14111	P291	GA16157	P295	GA18372	P284	GA20712	P239

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GA20712	P243	GA22554-424	P251	GA25029	P243	GA25857	P213
GA20732	P324	GA22554-533	P250	GA25030	P239	GA25857	P213
GA20765	P159	GA22555-20	P250	GA25030	P243	GA25905	P217
GA20772	P172	GA22555-20	P250	GA25030	P247	GA25949	P23
GA20773	P172	GA22555-20	P251	GA25030	P249	GA25949	P45
GA20902	P221	GA22555-20	P251	GA25031	P239	GA25949	P69
GA20902	P227	GA22555-184	P250	GA25031	P243	GA25949	P71
GA20910	P193	GA22555-184	P251	GA25031	P247	GA25949	P233
GA20914	P23	GA22555-228	P250	GA25031	P249	GA25949	P263
GA20914	P69	GA22555-228	P251	GA25038	P23	GA25950	P233
GA21030	P163	GA22556-91	P250	GA25039	P69	GA25982	P213
GA21030	P170	GA22556-91	P251	GA25084	P69	GA26005	P213
GA21067	P197	GA22556-115	P250	GA25170	P219	GA26075	P149
GA21114	P176	GA22556-115	P251	GA25170	P247	GA26075	P151
GA21115	P131	GA22556-134	P250	GA25170	P249	GA26287	P33
GA21115	P176	GA22556-134	P251	G11143801	P239	GA26287	P37
GA21143	P237	GA22556-150	P250	G11143801	P243	GA26297	P63
GA21309	P27	GA22556-150	P251	GA25207	P219	GA26330	P35
GA21309	P123	GA22793	P161	GA25240	P79	GA26331	P33
GA21309	P125	GA22793	P161	GA25257	P25	GA26673	P230
GA21406	P85	GA24231	P138	GA25258	P25	GA26709	P239
GA21406	P105	GA24239	P42	GA25261	P25	GA26709	P243
GA21450	P69	GA24281	P237	GA25261	P79	GA26713	P239
GA21456	P313	GA24284	P237	GA25261	P181	GA26713	P243
GA21515	P3	GA24285	P237	GA25265	P79	GA26713	P247
GA21589	P172	GA24330	P299	GA25286	P207	GA26713	P249
GA21590	P172	GA24331	P299	GA25286	P207	GA26744	P233
GA21591	P173	GA24332	P299	GA25291	P145	GA26751	P219
GA21592	P173	GA24333	P299	GA25292	P145	GA26751	P239
GA21614	P313	GA24334	P293	GA25293	P145	GA26751	P243
GA21676	P13	GA24338	P291	GA25304	P27	GA26839	P230
GA21677	P13	GA24364	P35	GA25304	P123	GA26920	P9
GA21687	P233	GA24371	P73	GA25304	P125	GA26924-01	P353
GA21687	P234	GA24372	P73	GA25384	P79	GA26924-02	P353
GA21771	P138	GA24449	P168	GA25388	P105	GA26924-03	P353
GA21771	P175	GA24488-27	P250	GA25389	P213	GA26924-04	P353
GA21813	P175	GA24488-27	P251	GA25390	P213	GA26924-05	P89
GA22199	P284	GA24543	P86	GA25399-36	P237	GA26924-05	P353
GA22200	P284	GA24649	P223	GA25399-36	P250	GA26924-06	P89
GA22273	P160	GA24652	P225	GA25399-36	P251	GA26924-06	P353
GA22322	P151	GA24676	P29	GA25401	P25	GA26924-07	P127
GA22522	P33	GA24752	P29	GA25403	P213	GA26924-08	P127
GA22547	P239	GA24754	P164	GA25404	P213	GA26924-08	P353
GA22547	P243	GA24825	P147	GA25437	P237	GA26924-09	P209
GA22547	P247	GA24826	P147	GA25550	P29	GA26924-09	P353
GA22547	P249	GA24828	P147	GA25714	P239	GA26924-10	P209
GA22554-20	P262	GA24873	P21	GA25714	P243	GA26924-10	P353
GA22554-36	P262	GA24877	P29	GA25760	P129	GA26924-11	P353
GA22554-120	P262	GA24878	P29	GA25763	P129	GA26924-12	P215
GA22554-265	P250	*GA24887	P225	GA25774	P217	GA26924-13	P215
GA22554-265	P251	GA25029	P23	GA25775	P217	GA26958	P15
GA22554-375	P250	GA25029	P69	GA25776	P217	GA26989	P29
GA22554-375	P251	GA25029	P239	GA25776	P217	GA27032	P144

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GA27032	P146	GB0331	P123	GB0823	P28	GD0453-05	P163
GA27038	P41	GB0331	P125	GB0867	P138	GD0453-07	P163
GA27112	P229	GB0366	P7	GB0901	P27	GD0487	P265
GA27144	P198	GB0383	P41	GB0901	P123	GD0746	P167
GA27144	P199	GB0387	P39	GB0901	P125	GD0826	P129
GA27146	P3	GB0387	P41	GB0905	P119	GD0826	P131
GA27146	P75	GB0389	P79	GB0907	P29	GD0826	P134
GA27146	P77	GB0389	P81	GB0920	P29	GD0829	P91
GB0115	P36	GB0390	P81	GB0921	P29	GD0829	P95
GB0116	P36	GB0391	P81	GB0926	P23	GD0829	P138
GB0134	P265	GB0392	P81	GB0926	P29	GD0840	P167
GB0186	P7	GB0393	P5	GB0926	P69	GD0844	P299
GB0196	P299	GB0395	P5	GB0926	P123	GD0914-12.5	P73
GB0198	P283	GB0396	P5	GB0926	P125	GD0914-25	P72
GB0199	P283	GB0397	P5	GB0958	P29	GD0914-60	P72
GB0200	P283	GB0397	P81	GB0968	P65	GD0914-60	P153
GB0205	P266	GB0400	P269	GB0968	P67	GD0914-71	P153
GB0206	P267	GB0405	P269	GB1090	P221	GD0914-71	P153
GB0206	P343	GB0409	P138	GB1090	P221	GD0914-90	P72
GB0209	P267	GB0425	P106	GB1090	P221	GD0914-99	P72
GB0210	P267	GB0425	P107	GB1090	P225	GD0914-100	P72
GB0213	P343	GB0428	P27	GB1090	P227	GD0914-126.25	P153
GB0218	P129	GB0428	P123	GB1147	P28	GD0962	P265
GB0218	P136	GB0428	P125	GB1190	P20	GD1026	P18
GB0218	P163	GB0429	P106	GB1197	P115	GD1026	P19
GB0218	P165	GB0429	P107	GB1197	P117	GD1026	P31
GB0218	P266	GB0430	P115	GB1198	P115	GD1026	P65
GB0218	P299	GB0430	P117	GB1198	P117	GD1026	P67
GB0218	P343	GB0430	P123	GB1199	P115	GD1026	P134
GB0218	P343	GB0430	P125	GB1199	P117	GD1026	P149
GB0239	P15	GB0431	P115	GB1200	P115	GD1026	P153
GB0246	P134	GB0431	P117	GB1200	P117	GD1026	P269
GB0254	P15	GB0444	P115	GB1201	P115	GD1026	P278
GB0265	P3	GB0444	P117	GB1201	P117	GD1026	P279
GB0266	P3	GB0455	P27	GB1204	P115	GD1059L	P33
GB0267	P3	GB0455	P123	GB1204	P117	GD1059L	P37
GB0268	P15	GB0455	P125	GB1206	P119	GD1059R	P33
GB0274	P3	GB0458	P129	GB1216	P83	GD1059R	P37
GB0276	P13	GB0464	P41	GB1218	P45	GD1060	P33
GB0278	P17	GB0493	P113	GB1223	P7	GD1060	P37
GB0278	P36	GB0554	P167	GB1223	P63	GD1061	P36
GB0282	P15	GB0577	P35	GB1223	P64	GD1063	P36
GB0285	P3	GB0579	P35	GB1223	P64	GD1065	P18
GB0287	P152	GB0673	P119	GB1224	P7	GD1065	P19
GB0296	P269	GB0675	P119	GB1224	P7	GD1085	P15
GB0314	P7	GB0676	P29	GB1224	P63	GD1104	P267
GB0314	P63	GB0697	P28	GB1224	P63	GD1109	P15
GB0315	P343	GB0717	P27	GB1249	P83	GD1113	P7
GB0322	P269	GB0717	P123	GB1313	P83	GD1113	P63
GB0323	P269	GB0717	P125	GB1313	P123	GD1113	P64
GB0331	P11	GB0780	P28	GB1313	P125	GD1113	P81
GB0331	P17	GB0815	P28	GD0453-02	P163	GD1113	P109
GB0331	P67	GB0818	P29	GD0453-03	P163	GD1113	P169

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GD1113	P229	GD2548-7.375	P285	GD5212	P152	GD7817-04	P271
GD1113	P265	GD2558	P129	GD5841	P147	GD7817-04	P293
GD1113	P267	GD2558	P129	GD5857	P39	GD7817-18	P64
GD1113	P269	GD2558	P134	GD5857	P129	GD7831	P299
GD1113	P269	GD2558	P150	GD5857	P141	GD7848	P283
GD1113	P297	GD2558	P151	GD5857	P149	GD7864	P146
GD1113	P304	GD2558	P151	GD5857	P152	GD7866	P278
GD1113	P305	GD2558	P152	GD5857	P155	GD7867	P285
GD1113	P308	GD2558	P278	GD5857	P278	GD7883	P133
GD1113	P333	GD2589	P265	GD5857	P281	GD7889	P155
GD1113	P335	GD2597	P167	GD5857	P287	GD7889	P287
GD1113	P336	GD2721	P163	GD5857	P289	GD7889	P289
GD1132	P39	GD2721	P165	GD5875	P129	GD7900	P266
GD1132	P41	GD2734-08	P279	GD5875	P134	GD7904-02	P138
GD1132	P265	GD2829	P219	GD5875	P138	GD7904-02	P267
GD1132	P271	GD2947	P31	GD5875	P141	GD7907	P267
GD1134	P279	GD2971-09	P129	GD5875	P143	GD7907	P343
GD1134	P283	GD2971-10	P31	GD5886	P281	GD7908	P266
GD1138	P265	GD2971-21	P83	GD5886	P285	GD7908	P343
GD1162	P351	GD2971-24	P67	GD6279-05	P192	GD7912	P267
GD1166	P299	GD2971-26	P9	GD6279-07	P97	GD7962	P266
GD1172	P217	GD2971-26	P85	GD6279-07	P99	GD7962	P271
GD1200	P283	GD2984	P343	GD6291	P33	GD8066-02	P185
GD1207	P283	GD2984	P351	GD6291	P33	GD8188	P129
GD1209	P283	GD3180-10	P279	GD6291	P91	GD8188	P133
GD1210	P283	GD3180-30	P5	GD6291	P95	GD8188	P136
GD1213	P283	GD3180-30	P81	GD6291	P219	GD8188	P138
GD1213	P283	GD3180-34	P163	GD6291	P227	GD8188	P215
GD1379	P283	GD3501	P129	GD6553	P266	GD8189	P129
GD1380	P283	GD3537-12	P134	GD6556	P129	GD8189	P133
GD1512	P237	GD3537-20	P134	GD6895	P141	GD8189	P136
GD1512	P351	GD3547	P343	GD6895	P149	GD8189	P138
GD1514	P343	GD3612	P3	GD7079	P146	GD8224	P267
GD1515	P343	GD3623	P305	GD7089	P146	GD8238	P266
GD1516	P343	GD3860	P219	GD7127	P152	GD8239	P267
GD1517	P343	GD3951	P305	GD7127	P278	GD8247	P266
GD1654	P283	GD4086	P201	GD7137	P129	GD8260	P128
GD1657	P265	GD4086	P203	GD7148	P36	GD8276	P267
GD1673	P265	GD4086	P205	GD7251	P129	GD8306	P73
GD1719	P73	GD4086	P206	GD7258	P36	GD8306	P113
GD1747	P295	GD4700	P150	GD7318	P18	GD8306	P334
GD1862	P295	GD4743	P83	GD7318	P19	GD8460	P15
GD1862	P297	GD4743	P109	GD7426	P149	GD8739	P218
GD1862	P335	GD4743	P161	GD7426	P153	GD8740	P218
GD2115	P343	GD4743	P165	GD7426	P278	GD8741	P218
GD2117	P343	GD4743	P187	GD7426	P279	GD8751	P221
GD2117	P351	GD4743	P213	GD7518	P129	GD8751	P227
GD2169	P133	GD4743	P291	GD7519	P129	GD8770	P221
GD2169	P143	GD4743	P333	GD7571	P146	GD8770	P227
GD2199	P217	GD4743	P340	GD7612	P153	GD8771	P221
GD2199	P350	GD4887-17	P152	GD7688	P150	GD8771	P227
GD2412	P283	GD5154	P134	GD7803	P42	GD8893-01	P65
GD2423	P31	GD5212	P149	GD7804	P42	GD8893-01	P67

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GD9120.....	P15	GD10110.....	P295	GD11178.....	P271	GD12103.....	P173
GD9130.....	P143	GD10119.....	P278	GD11188.....	P271	GD12104.....	P179
GD9254.....	P42	GD10123.....	P157	GD11218.....	P65	GD12106.....	P172
GD9529.....	P195	GD10161.....	P281	GD11218.....	P67	GD12106.....	P175
GD9529.....	P218	GD10207.....	P170	GD11219.....	P31	GD12502.....	P180
GD9529-.....	P195	GD10230.....	P336	GD11239.....	P17	GD12572.....	P172
GD9530.....	P195	GD10242.....	P267	GD11239.....	P36	GD12597.....	P179
GD9530.....	P218	GD10243.....	P219	GD11240.....	P36	GD12676.....	P269
GD9530-.....	P195	GD10273.....	P267	GD11245.....	P146	GD12677.....	P269
GD9533.....	P185	GD10283.....	P167	GD11259.....	P3	GD12679.....	P269
GD9636.....	P143	GD10298.....	P141	GD11264.....	P63	GD12684.....	P271
GD9667.....	P157	GD10298.....	P149	GD11265.....	P271	GD12685.....	P269
GD9671.....	P157	GD10303.....	P267	GD11266.....	P271	GD12726.....	P218
GD9672.....	P157	GD10304.....	P267	GD11279.....	P21	GD12818.....	P186
GD9695.....	P64	GD10375.....	P149	GD11297.....	P36	GD13146.....	P185
GD9715.....	P39	GD10401.....	P149	GD11305.....	P31	GD13170.....	P177
GD9720.....	P39	GD10446.....	P143	GD11306.....	P9	GD13170.....	P177
GD9724.....	P39	GD10447.....	P143	GD11306.....	P265	GD13171.....	P177
GD9724.....	P41	GD10487.....	P267	GD11313.....	P26	GD13172.....	P177
GD9724.....	P271	GD10492.....	P138	GD11413.....	P17	GD13172.....	P177
GD9870.....	P138	GD10519.....	P41	GD11413.....	P36	GD13173.....	P177
GD9896.....	P219	GD10530.....	P134	GD11424.....	P33	GD13173.....	P177
GD9898.....	P138	GD10530.....	P291	GD11424.....	P37	GD13287.....	P217
GD9905.....	P186	GD10531.....	P141	GD11474.....	P222	GD13287.....	P217
GD9952.....	P136	GD10532.....	P138	GD11474.....	P227	GD13287.....	P269
GD9955.....	P131	GD10538-01.....	P134	GD11490.....	P147	GD13302.....	P173
GD9959.....	P134	GD10538-07.....	P163	GD11508.....	P26	GD13303.....	P173
GD9960.....	P129	GD10543.....	P155	GD11509.....	P26	GD13303.....	P175
GD9963.....	P131	GD10543.....	P157	GD11557.....	P269	GD13307.....	P175
GD9964.....	P131	GD10544.....	P237	GD11558.....	P269	GD13309.....	P273
GD9968.....	P138	GD10552.....	P271	GD11649.....	P64	GD13310.....	P185
GD9971.....	P183	GD10777.....	P305	GD11677.....	P42	GD13310.....	P186
GD9977.....	P185	GD10792.....	P164	GD11700.....	P192	GD13310.....	P219
GD10006.....	P138	GD10963.....	P31	GD11700.....	P213	GD13348.....	P219
GD10007.....	P155	GD10963.....	P291	GD11700.....	P304	GD13348.....	P221
GD10011.....	P143	GD10984.....	P31	GD11705.....	P265	GD13359.....	P164
GD10012.....	P143	GD10991.....	P13	GD11721.....	P83	GD13360.....	P164
GD10013.....	P143	GD10993.....	P3	GD11836.....	P271	GD13400.....	P177
GD10014.....	P143	GD11001.....	P3	GD11953.....	P273	GD13400.....	P177
GD10036.....	P5	GD11045.....	P72	GD11962.....	P18	GD13401.....	P147
GD10036.....	P7	GD11045.....	P153	GD11962.....	P19	GD13425.....	P177
GD10049.....	P131	GD11089.....	P219	GD11962.....	P31	GD13524-01.....	P157
GD10057-20.....	P213	GD11089.....	P222	GD11970.....	P179	GD13706-02.....	P343
GD10063.....	P143	GD11089.....	P227	GD11984.....	P179	GD14217.....	P7
GD10064.....	P143	GD11120.....	P157	GD11985.....	P176	GD14258.....	P159
GD10068.....	P157	GD11123.....	P295	GD11988.....	P171	GD14258.....	P159
GD10069.....	P157	GD11123.....	P297	GD11991.....	P171	GD14308.....	P170
GD10070.....	P157	GD11123.....	P333	GD11992.....	P171	GD14413.....	P149
GD10071.....	P157	GD11123.....	P335	GD11999.....	P180	GD14413.....	P279
GD10088.....	P165	GD11123.....	P336	GD12102.....	P170	GD14414.....	P149
GD10092.....	P143	GD11124.....	P295	GD12102.....	P176	GD14414.....	P279
GD10103.....	P157	GD11124.....	P297	GD12102.....	P180	GD14426.....	P149
GD10104.....	P157	GD11124.....	P335	GD12103.....	P171	GD14427.....	P279

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GD14431.....	P149	GD18041.....	P161	GD19661-01.....	P163	GD23995.....	P5
GD14431.....	P279	GD18078.....	P161	GD19690-05.....	P119	GD24386.....	P119
GD14432.....	P149	GD18112.....	P160	GD19690-06.....	P119	GD24545.....	P3
GD14432.....	P279	GD18118.....	P221	GD19864.....	P115	GD24545.....	P63
GD14512.....	P157	GD18118.....	P226	GD19864.....	P117	GD24754.....	P119
GD14513.....	P157	GD18119.....	P161	GD20035.....	P119	GD24879-01.....	P119
GD14528.....	P185	GD18135.....	P64	GD20036.....	P119	GD25007.....	P231
GD14660.....	P159	GD18136.....	P64	GD20037.....	P119	GD25189.....	P163
GD15100.....	P130	GD18168.....	P221	GD20060.....	P295	GD25522.....	P89
GD15605-300.....	P333	GD18168.....	P226	GD20060.....	P297	GD25522.....	P127
GD15725.....	P130	GD18176.....	P225	GD20060.....	P335	GD25522.....	P201
GD15804.....	P85	GD18177.....	P225	GD20095.....	P301	GD25522.....	P203
GD15804.....	P105	GD18274.....	P161	GD20282.....	P121	GD25522.....	P205
G11012201.....	P105	GD18275.....	P159	GD20401.....	P113	GD25522.....	P206
GD15849-02.....	P85	GD18407.....	P223	GD20461.....	P147	GD25522.....	P209
GD15849-02.....	P105	GD18408.....	P223	GD20539.....	P85	GD25522.....	P215
GD16037.....	P97	GD18540.....	P163	GD20599.....	P109	GD25568.....	P63
GD16037.....	P99	GD18643.....	P144	GD20695.....	P139	GD25569.....	P63
GD16038.....	P97	GD18796.....	P159	GD20695.....	P183	GD25644.....	P105
GD16038.....	P99	GD18815.....	P163	GD20696.....	P138	GD25867.....	P233
GD16188.....	P192	GD18889.....	P163	GD20697.....	P183	GD26024.....	P164
GD16226.....	P130	GD19123.....	P194	GD20718.....	P187	GD26146.....	P15
GD16245.....	P3	GD19212.....	P113	GD20718.....	P188	GD26274.....	P313
GD16245.....	P63	GD19212.....	P138	GD20719.....	P187	GD26274.....	P340
GD16303.....	P130	GD19237.....	P161	GD20722.....	P83	GD26274.....	P341
GD16324-01.....	P85	GD19237.....	P161	GD20728.....	P129	GD26304.....	P313
GD16418-02.....	P163	GD19238.....	P161	GD20757.....	P343	GD26474.....	P310
GD16642.....	P91	GD19292.....	P42	GD20795.....	P233	GD26477.....	P150
GD16642.....	P95	GD19295.....	P227	GD20923.....	P119	GD26479.....	P150
GD17014.....	P3	GD19343.....	P149	GD20928.....	P105	GD26479.....	P281
GD17014.....	P64	GD19343.....	P279	GD21080.....	P115	GD26483.....	P179
GD17052.....	P17	GD19344.....	P149	GD21080.....	P117	GD26497.....	P152
GD17052.....	P64	GD19344.....	P279	GD21142.....	P164	GD26497.....	P155
GD17052.....	P125	GD19383-03.....	P89	GD21143.....	P164	GD26499.....	P150
GD17141.....	P161	GD19383-03.....	P91	GD21158.....	P339	GD26560.....	P281
GD17143.....	P161	GD19383-03.....	P95	GD21278.....	P85	GD26565.....	P281
GD17150-03.....	P161	GD19460.....	P85	GD21300.....	P105	GD26569.....	P284
GD17150-04.....	P161	GD19468.....	P130	GD21337.....	P7	GD26593.....	P29
GD17150-08.....	P161	GD19469.....	P85	GD21398.....	P283	GD26598.....	P273
GD17150-09.....	P161	GD19470.....	P85	GD21540.....	P167	GD26706.....	P83
GD17150-12.....	P161	GD19491.....	P164	GD22200.....	P230	GD26839.....	P150
GD17151-06.....	P159	GD19508.....	P115	GD22503.....	P315	GD26879.....	P281
GD17151-20.....	P85	GD19508.....	P117	GD22503.....	P317	GD26880.....	P281
GD17154.....	P161	GD19508.....	P123	GD22503.....	P318	GD26970.....	P79
GD17156.....	P161	GD19508.....	P125	GD22695.....	P35	GD26973.....	P41
GD17156.....	P161	GD19509.....	P123	GD22696.....	P35	GD26989.....	P216
GD17245.....	P130	GD19509.....	P125	GD22965.....	P219	GD26989.....	P262
GD18010.....	P159	GD19639.....	P113	GD23002.....	P170	GD27103.....	P109
GD18010.....	P161	GD19655.....	P133	GD23773.....	P19	GD27190.....	P110
GD18011.....	P81	GD19658-02.....	P113	GD23773.....	P327	GD27190.....	P216
GD18011.....	P161	GD19659-01.....	P113	GD23774.....	P11	GD27190.....	P262
GD18013.....	P227	GD19659-05.....	P113	GD23774.....	P67	GD27215.....	P86

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GD27215.....	P119	GD29625.....	P275	GD34178.....	P299	GD36333.....	P35
GD27232.....	P177	GD29625.....	P313	GD34774.....	P29	GD36388.....	P23
GD27232.....	P177	GD29625.....	P339	GD34779.....	P185	GD36388.....	P69
GD27234.....	P170	GD29651.....	P172	GD34923.....	P266	GD36388.....	P215
GD27234.....	P176	GD29657.....	P29	GD35058.....	P23	*GD36495-36.....	P87
GD27235.....	P172	GD29709.....	P313	GD35211.....	P79	*GD36495-36.....	P87
GD27235.....	P173	GD29709.....	P339	GD35216.....	P237	*GD36495-36.....	P87
GD27235.....	P175	GD29709.....	P339	GD35271.....	P207	*GD36495-36.....	P87
GD27235.....	P180	GD29798.....	P3	GD35271.....	P207	*GD36495-36.....	P87
GD27237.....	P179	GD29798.....	P123	**GD35274-01.....	P119	*GD36495-36.....	P87
GD27290.....	P327	GD29806.....	P64	GD35314.....	P213	*GD36495-36.....	P87
G10943201.....	P324	GD30221.....	P168	GD35381.....	P97	*GD36495-36.....	P87
GD27607.....	P115	GD30263.....	P170	GD35381.....	P99	*GD36495-42.....	P87
GD27607.....	P117	GD30264.....	P170	GD35422.....	P197	*GD36495-42.....	P87
GD27607.....	P119	GD30401.....	P176	GD35444.....	P9	*GD36495-42.....	P87
GD28354.....	P230	GD30570.....	P193	GD35449.....	P69	*GD36495-46.....	P87
GD28363.....	P231	GD30571.....	P197	GD35449.....	P71	*GD36495-46.....	P87
GD28372.....	P105	GD30696.....	P175	GD35459.....	P25	*GD36495-46.....	P87
GD28390.....	P3	GD30697.....	P173	GD35465.....	P237	*GD36495-46.....	P87
GD28515.....	P35	GD30697.....	P175	GD35471.....	P64	*GD36495-46.....	P87
GD28631.....	P29	GD30722.....	P168	GD35472.....	P64	*GD36495-46.....	P87
GD28871.....	P146	GD30723.....	P168	GD35609.....	P23	*GD36495-46.....	P87
GD29104-13.....	P299	GD30725.....	P9	GD35609.....	P45	*GD36495-46.....	P87
GD29315.....	P193	GD30725.....	P41	GD35609.....	P69	*GD36495-46.....	P87
GD29315.....	P197	GD30725.....	P265	GD35609.....	P71	*GD36495-46.....	P87
GD29315.....	P199	GD30725.....	P281	GD35609.....	P263	*GD36495-50.....	P87
GD29318.....	P189	GD30726.....	P23	GD35626.....	P263	*GD36495-50.....	P87
GD29318.....	P197	GD30726.....	P262	GD35628.....	P69	*GD36495-50.....	P87
GD29318.....	P198	GD30860.....	P175	GD35629.....	P23	*GD36495-50.....	P87
GD29318.....	P213	GD30880.....	P175	GD35629.....	P45	*GD36495-50.....	P87
GD29319.....	P190	GD30881.....	P175	GD35629.....	P69	*GD36495-55.....	P87
GD29319.....	P193	GD30882.....	P105	GD35629.....	P71	*GD36495-55.....	P87
GD29319.....	P198	GD30902.....	P157	GD35629.....	P263	*GD36495-70.....	P87
GD29319.....	P199	GD30903.....	P157	GD35713.....	P217	*GD36495-70.....	P87
GD29319.....	P213	GD31305.....	P105	GD35713.....	P217	*GD36495-70.....	P87
GD29321.....	P189	GD31424.....	P83	GD35727.....	P129	*GD36495-70.....	P87
GD29321.....	P190	GD31466.....	P273	GD35729.....	P217	GD36680.....	P231
GD29321.....	P191	GD31485.....	P219	GD35743.....	P217	GD36681.....	P231
GD29321.....	P193	GD31511.....	P164	GD35761.....	P129	GD36682.....	P231
GD29321.....	P197	GD32092.....	P219	GD35785.....	P152	GD36709.....	P13
GD29321.....	P198	GD32368.....	P129	GD35786.....	P149	GD36713.....	P13
GD29321.....	P199	GD32368.....	P329	GD35835.....	P213	GD36723.....	P237
GD29324.....	P189	GD33756.....	P237	GD35837.....	P263	GD36724.....	P237
GD29413.....	P23	GD33757.....	P237	GD35844.....	P119	GD36726.....	P233
GD29413.....	P69	GD33758.....	P237	GD35847.....	P86	GD36727.....	P233
GD29413.....	P123	GD33759.....	P237	GD35857.....	P119	GD36756.....	P213
GD29413.....	P125	GD33819.....	P301	GD35903.....	P105	GD36820.....	P231
GD29425.....	P29	GD33820.....	P301	GD35904-01.....	P75	GD36821.....	P230
GD29459.....	P63	GD33822.....	P299	GD35904-01.....	P77	GD36822.....	P230
GD29491.....	P35	GD33831.....	P291	GD35904-01.....	P210	GD36856.....	P9
GD29492.....	P35	GD33962.....	P113	GD35904-01.....	P211	GD36860.....	P9
GD29507.....	P17	GD34178.....	P147	GD36277.....	P31	GD36895.....	P15

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GD36990.....	P9	GR1037.....	P163	GR1292.....	P35	GR1467.....	P192
GM0312-01.....	P356	GR1037.....	P170	GR1292.....	P219	GR1467.....	P198
GM0312-02.....	P356	GR1037.....	P171	GR1294.....	P72	GR1467.....	P199
GR0146MPP.....	P355	GR1037.....	P172	GR1294.....	P73	GR1519.....	P179
GR0150.....	P167	GR1037.....	P173	GR1294.....	P153	GR1522.....	P176
GR0151.....	P167	GR1037.....	P175	GR1294.....	P153	GR1524.....	P171
GR0188.....	P266	GR1037.....	P176	GR1295.....	P73	GR1526.....	P180
GR0190.....	P299	GR1037.....	P179	GR1295.....	P153	GR1533.....	P307
GR0193.....	P138	GR1037.....	P180	GR1301.....	P73	GR1535.....	P307
GR0193.....	P143	GR1037.....	P183	GR1301.....	P153	GR1540.....	P307
GR0196.....	P3	GR1037.....	P183	GR1303.....	P157	GR1541.....	P307
GR0196.....	P31	GR1037.....	P183	GR1304.....	P157	GR1542.....	P307
GR0196.....	P36	GR1037.....	P185	GR1305.....	P157	GR1543.....	P303
GR0196.....	P64	GR1037.....	P185	GR1306.....	P157	GR1543.....	P307
GR0204.....	P299	GR1037.....	P185	GR1363.....	P159	GR1544.....	P307
GR0270.....	P147	GR1037.....	P185	GR1363.....	P219	GR1545.....	P307
GR0375.....	P138	GR1037.....	P185	GR1364.....	P159	GR1557.....	P72
GR0375.....	P143	GR1037.....	P185	GR1364.....	P219	GR1557.....	P73
GR0434.....	P147	GR1037.....	P186	GR1405.....	P72	GR1557.....	P153
GR0508.....	P295	GR1037.....	P186	GR1406.....	P73	GR1557.....	P153
GR0508.....	P297	GR1037.....	P187	GR1407.....	P73	GR1559.....	P307
GR0528.....	P146	GR1037.....	P187	GR1408.....	P73	GR1561.....	P307
GR0586.....	P221	GR1037.....	P187	GR1409.....	P73	GR1566.....	P307
GR0761.....	P195	GR1037.....	P189	GR1410.....	P73	GR1567.....	P307
GR0761.....	P207	GR1037.....	P190	GR1411.....	P73	GR1568.....	P307
GR0761.....	P207	GR1037.....	P194	GR1412.....	P73	GR1570MPP.....	P355
GR0763.....	P195	GR1037.....	P203	GR1413.....	P73	GR1573.....	P173
GR0764.....	P185	GR1037.....	P205	GR1414.....	P222	GR1574.....	P307
GR0764.....	P186	GR1045.....	P86	GR1414.....	P226	GR1575.....	P307
GR0764.....	P195	GR1045.....	P105	GR1415.....	P222	GR1598.....	P177
GR0880.....	P301	GR1045.....	P183	GR1415.....	P226	GR1598.....	P177
GR0881.....	P301	GR1045.....	P185	GR1465.....	P163	GR1708.....	P295
GR0882.....	P301	GR1045.....	P185	GR1465.....	P170	GR1708.....	P297
GR0883.....	P301	GR1045.....	P186	GR1465.....	P179	GR1736.....	P85
GR0911.....	P281	GR1045.....	P186	GR1466.....	P86	GR1762.....	P221
GR0912.....	P73	GR1045.....	P186	GR1466.....	P86	GR1763.....	P222
GR0912.....	P151	GR1045.....	P189	GR1466.....	P105	GR1777.....	P85
GR0912.....	P151	GR1045.....	P192	GR1466.....	P185	GR1777.....	P85
GR0912.....	P153	GR1045.....	P192	GR1466.....	P185	GR1777.....	P105
GR0912.....	P278	GR1045.....	P194	GR1466.....	P185	GR1777.....	P105
GR0912.....	P279	GR1045.....	P319	GR1466.....	P186	GR1778.....	P161
GR0912.....	P281	GR1104.....	P303	GR1466.....	P192	GR1796.....	P303
GR0912.....	P287	GR1112.....	P303	GR1466.....	P198	GR1798.....	P303
GR0912.....	P289	GR1116.....	P303	GR1466.....	P198	GR1800.....	P303
GR1015.....	P343	GR1118.....	P303	GR1466.....	P198	GR1801.....	P303
GR1016.....	P343	GR1120.....	P303	GR1466.....	P199	GR1803.....	P303
GR1017.....	P343	GR1122.....	P301	GR1466.....	P199	GR1804.....	P303
GR1018.....	P343	GR1123.....	P303	GR1466.....	P213	GR1805.....	P303
GR1019.....	P343	GR1124.....	P303	GR1467.....	P183	GR1806.....	P303
GR1037.....	P134	GR1134.....	P303	GR1467.....	P183	GR1808.....	P303
GR1037.....	P134	GR1146.....	P303	GR1467.....	P190	GR1838.....	P223
GR1037.....	P143	GR1290.....	P219	GR1467.....	P192	GR1839.....	P223

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
GR1842MPP.....	P355	GR2361.....	P213				
GR1843.....	P161	GR2362.....	P181				
GR1912.....	P146	GR2363.....	P181				
GR1921.....	P161	GR2368.....	P213				
GR1925.....	P170	*R2281.....	P181				
GR1941.....	P295	R2282.....	P181				
GR1941.....	P297	*R2283.....	P181				
GR1943.....	P160	*R2300.....	P181				
GR1947.....	P106	*R2301.....	P181				
GR1947.....	P107	*R2302.....	P181				
GR1951.....	P161	*R2303.....	P181				
GR1960.....	P105	*R2304.....	P181				
GR1961.....	P105	*R2305.....	P181				
GR1965.....	P105	*R2307.....	P181				
GR1966.....	P105	*R2308.....	P181				
GR1967.....	P105	*R2309.....	P181				
GR1969.....	P105	**R2365.....	P213				
GR1977.....	P105	**R2366.....	P213				
GR1978.....	P105	**R2367.....	P213				
GR1979.....	P105						
GR2000.....	P105						
GR2011.....	P303						
GR2041.....	P185						
GR2041.....	P192						
GR2041.....	P194						
GR2043.....	P187						
GR2109.....	P105						
GR2126.....	P231						
GR2147.....	P73						
GR2147.....	P153						
GR2148.....	P72						
GR2148.....	P153						
GR2149.....	P285						
GR2150.....	P285						
GR2151.....	P72						
GR2151.....	P73						
GR2151.....	P153						
GR2151.....	P153						
GR2185.....	P303						
GR2224.....	P172						
GR2230.....	P175						
GR2234.....	P175						
GR2240MPP.....	P355						
GR2241MPP.....	P355						
GR2279.....	P223						
GR2287.....	P207						
GR2287.....	P207						
GR2312.....	P190						
GR2312.....	P198						
GR2312.....	P199						
GR2314.....	P86						
GR2333.....	P86						