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Dear Grower,

Welcome to the growing family of satisfied Pik Rite equipment owners. Our goal is to help make your harvest as enjoyable and trouble free as possible by providing equipment that is durable and keeps down time to a minimum.

In order to provide customer service and a supply of original equipment parts to keep your machine well maintained, we are continually striving to keep our systems state-of-the-art. We utilize all available resources that allow us to provide accurate and timely deliveries.

We will continue to give you the service you have come to expect from our dealer representatives and us. In order to avoid any delays during your harvest season we make every effort to have someone available to take your calls 24 hours a day. We have shipping companies in place to deliver your parts as expediently as possible. Whether you live a few miles down the road or on the other side of the globe you can count on us.

Sincerely,

Clint Morris
Parts Sales
parts@pikrite.com

Parts and Service Hotline
800-326-9763

www.pikrite.com

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KIT CATALOG

EL-15-975 On Board Control Station – Discharge Conveyor

Benefits:

-Allows personnel riding in the harvester control of the discharge conveyor.



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs.

Will Fit: All Harvesters

EL-15-975 Remote Control Box w/ Cable Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0000	Manufacturing Labor	1.75		
0	BL-W10-500-SP	#10 Tapping Screw (Pan Head)	4		
0	BL-W10-RW	Rubber Washer (Rubber)	4		
0	DC-0003	Decal, Remote Box	1	EL-15-975	
0	EL-0100	Midget Bulb for Lamp	1		Replace with EL-670-0067 (Complete Assambly)
0	EL-0101	Red Plastic Lens	1		Replace with EL-670-0067 (Complete Assambly)
0	EL-0350	Pilot Light, Lamp Holder Base	1		Replace with EL-670-0067 (Complete Assambly)
0	EL-100	Lock Nut for Electricial Connectors 3/8'	1		
0	EL-1322	Crimp Pin for AMP Plug	16		
0	EL-1323	Socket(Female) For AMP Plug	16		Old Amp/Tyco Part No. 66105-2
0	EL-14D0	Switch Boot	5		
0	EL-60361	AMP Receptacle 16 position	1		
0	EL-60371	AMP Plug 16 position	1		
0	EL-60701	AMP Cable clamp (16)	1		
0	EL-64032	Weather Seal (16)	1		
0	EL-865	Automotive Fuse 6 Amp	1		
0	ELC-2638	3/8' Plastic Cord Connector	1		
0	ELC-4069	22ga x 20 Conductor Carol Cable @ft	14		
0	ELE-140	Enclosure, Remote Box	1	EL-15-975	
0	EL-HKP	Fuse Holder	1		
0	ELS-2TLB	Toggle Switch, 2 Position, Long Bat (15 Amp)	2		
0	ELS-3MLB	Switch, 3 Pos Momentary (long bat) on-off-(on)	3		
0	ELT-30502	Ring Terminal #8 x 18-22ga	8		
0	ELT-30511	Female Push On 18-22 ga	2		
0	ELT-30712	Push on Male 18-22	2		
0	ELT-31712	Push On Male 14-16 ga	4	HV-1045K	
0	ELT-31713	Push On Female Terminal 14-16 ga.	4	HV-1045K	
0	ELT-32755	Snap Spade Connectors #10 10-12	8		

0	ELT-36026	Spade Terminal #6 x 14-16ga	2	
0	ELT-52565	Ring Terminal 5/16 x 14-16ga	2	HV-1045K
0	PL-0001	Plastic, Remote Box Mount	0	EL-15-975
0	PL-15-975	Clear Lexan Plastic	1	

ELS-1256 Automatic Machine Leveler

Benefits:

-Ensures the harvester is level, therefore increasing the performance of the color sorter.



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All Harvesters

ELS-1256 Machine Leveler, Complete Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0500	Assembly Area	2		
0	BL-4W-500-SS	No 4 x 1/2" SS Phillips Pan Head Sheet Metal Screw	4		
0	ELS-1254	Tilt Controller Cable (Round Plug)	1		
1	PL-0047-A	Plastic, Harvesters	1		
2	ELS-1253	Tilt Controller for Model 190, 290	1	190, 290 Tomato Harvesters	2007 - new controller will fit both 190 and 290 model
3	DC-191-LV	Decal, Level Control Box, Tomato, '97	1		

KIT-0009 Gooseneck Hitch for 190 Tomato Double Pump

Benefits:

- Sharp Turning
- PTO can be left running when turning
- Double pumps give more hydraulic supply for add on kit.



Price: \$

Availability: Special Order

Can Be Installed: Anytime (preferred off season)

Approx. Time Required to Install: 60 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0009 Goose Neck, 2Pump 190 Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1		
0	A-6901-12-12-4PT	12 SAE x 1/2" FPX 90 W/1/4" port, Forged	2		
0	AC-32	2" NPT Coupler, Steel Only	2		
0	AN-32-40-HS	2" NPT x 2 1/2" ID Hose, Combination Nipple/Hose Shank	4		
0	ASL-4	1/4" Black Street Elbow	2		
0	ATB-06-06-06	3/8" x 3/8" x 3/8" Brass Hose Barb Tee	1		CL-10 needs to be used with this tee.
0	BL-12-450-8	1/2" x 4 1/2", HH C/S G8 ZC	2		
0	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	3		
0	BL-5-150-C	5/16 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4		
0	BL-5-FW	5/16 USS FW ZC	4		
0	BL-5-LW	5/16 SPLIT LW ZC	4		
0	BL-5-N	5/16-18 UNF HEX NUT A563 GrA ZINC	4		
0	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	7		
0	BL-6-FW	3/8 USS FW ZC	14		
0	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	7		
0	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2		
0	BL-8-LW	1/2 SPLIT LW ZC	8		
0	BRA-1008	Bracket, Double Pump, Gooseneck Hitch, 190	1		
0	BRA-8200	Bracket, Outsd, PTO Belting, Hitch Assy	1		
0	BRA-8201	Bracket, Inside, PTO Belting, Hitch Assy	1		
0	BT-1280-8M-30	Primary Weight Drive Belt	1	19101	Can not replace with BT-390H100 belts unless all the pulleys are changed.
0	CL-10	Single Snap Grip Clamp for 3/8" Push Loc Hose	3		Use with ATB-06-06-06
0	FRM-1006	Frame, Double Pump, Gooseneck Hitch, 190	1		
0	H12-180-8MP-8MP	1/2" hose 1/2MP x 1/2MP x 180' long	0		
0	H6-PL	Push Loc Hose 3/8" @ ft. (Gray)	25		
0	HA-1004-T	Test Point Plug, 1/4" NPT	2		
0	HP-630	Synthetic Gear & Bearing Oil @ Qt.	3.5		

0	MOU-0022	Mount, Weight Motor, Shakers, Harvesters	1	Replaces 110-515
0	PU-2517-14-3	TaperLoc Bushing 7/8' bore 3/16' key	1	
0	PU-2517-16-4	TaperLoc Bushing 1' bore 1/4' key	1	
0	PU-64-8M-30-2517	HTD Pulley	2	
0	SHD-1006	Shield, Double Pump, Gooseneck Hitch, 190	1	
1	FRM-0015	Frame, Mount, Gooseneck Hitch, 190 Tomato	1	
2	ARM-2P01	Arm, Gooseneck Hitch, Machine Connection	1	May require modification to PIN-2P01 when installing on 40001001-40002003 or on 10002005.
3	PIN-2P01	Pin, Gooseneck Hitch Pivot, Top of Tractor	1	Will require modification to ARM-2P01 when installing on 40001001-40002003 or on 10002005.
4	SFT-2P01	Shaft, Gooseneck Hitch Pivot, Swivel	1	
5	SUP-8210	Support, Rear Swivel Plate, Gooseneck Hitch	1	
6	PIN-003P	Pin, Quick Hitch & Tomato	2	
7	SUP-0016	Support, Hose, Hydraulic Hose, Tongue, Rear	1	
8	SUP-8110	Support, Pivoting Hose Holder, Tongue	2	
9	SFT-8210	Shaft, Hose Holder, 190 Frame	1	
10	POS-8110	Post, Pivot Holder, Tongue	1	
11	BU-2P01	Bushing, Arm, Gooseneck, Main Frame	1	
12	BAR-8213	Bar, Spacer, Back Top, Hitch/Tongue, HC290	1	
13	BAR-8214	Bar, Spacer, Back, Bottom, Hitch/Tongue	1	BAR-8214
14	BAR-8215	Bar, Spacer, Front Top, Hitch/Tongue, HC290	1	
15	BAR-8216	Bar, Spacer, Front Middle, Hitch/Tongue	1	
16	BAR-8217	Bar, Spacer, Front Bottom, Hitch/Tongue	1	
17	GF-1827-45	Grease Fitting 1/8 NPT 45°	5	
18	GF-1827	Grease Fitting 1/8 NPT Straight	6	
19	HOS-3-4-72SP	Hose 3', Suction Line Cover Clear, 190 Tomato	2	
20	BT-8110	Belting, Hose Holder, Gooseneck	2	
21	STRP-1050	10' Tarp Straps	2	
22	CL-375	3' Hose Clamp, Heavy Duty T-Bar, 3.375-3.75'	4	

23	PTS-8101	1- $\frac{1}{2}$ x 20-spline x 1-3/8 6-spline gearbox (HC290)	1		IH MX Series Quick Hitch On Ford New Hol. Quick Hitch Off JD 7000 & 8000 both Hitch configs Case IH above 160 HP Quick H on Case IH Under 159 HP Both Hitch configs
24	HC-250-1208	Tie Rod Cylinder, Standard 2 1/2' x 12'	1		Seal Kit Part No. HC-250-1208-SK (PMCK-B200000)
25	FRM-3167	Safety Chain, Agricultural, 30,400 lb. Capacity	0	19701-30097001-	
26	EL-1258	Goose Neck Hitch Machine Power Cord	1		
27	ELC-4000	Control Box Power Cord	1		
28	BT-0018	Belting, Hose Holder, Hitch Arm, 2-Point Hitch	1		
29	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	4		
30	BL-4-LN	1/4-20 HEX LN NE ZC	12		
33	BT-3100	Belting, PTO Shield, Compressorless	1	30095001-KIT-800	Used ONLY on machines with no air compressor
34	GBX-252	Two Pad Gearbox for double pump	1		Use only HP-630 Oil 3.5 Quart
35	MOU-2P01	Pin, Mount, Gooseneck Hitch	1		
38	HM-122	Motor, Hydraulic, 1- $\frac{1}{2}$ ' Gear, #12 SAE Ports	1		
43	MOU-0157	Mount, Weld on Tower, 190 Hitch Update	1		
44	MOU-1017	Oil Cooler Mount, Double Cooler, 190 Tomato	2		
46	CL-200-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	4	1 1/2' Suction Hose	
47	CL-249-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	4	2 1/2' Suction Hose	
48	HA-1016	Hydraulic Oil Cooler Radiator w/o Mounting Kit & w/ SAE24 Ports	1		Replaces HA-1015
49	HA-1023-Z	Double Filter Head, Side by Side	1		
50	HA-1029	Hydraulic Fluid Filter, 11'	2		
51	FRM-4100-B1	Tower Tab	2	FRM-4100	
52	FRM-4100-J	Front Bottom Plate	1	FRM-4100	
53	HP-257-P18	Hydraulic Pump	1		
54	HV-RV-1H	Relief valve w/ SAE #12 ports	2		
55	RS-100	Rubber Oil Cooler Damper, .500 x 1.75 x 35.5	2	19401-	
56	SUP-3707	Support, Motor Mount, Debris Fan (Pickle)	1	30096001-	
57	WT-17H	Heavy Duty Wire Tie 17.5'	20		
58	BAR-0157-A	Bar, Weld on Plate, 190 Hitch Update	1		
59	FRM-4100-A1	Right Tube Mount	2	FRM-4100	

60	FRM-4100-W	Left Tube Mount	2	FRM-4100
61	HP-257-P19	Hydraulic Pump	1	11003004, 10007001
100	BL-10-300-H8	5/8-11 X 3 HEX CAP G8	2	
101	BL-10-LW	5/8 SPLIT LW ZC	12	
102	BL-10-SW-8	5/8 S.A.E. FLAT WASHERS	2	
103	BL-12-600-8	1/2-10 x 6, HH C/S G8 ZC	3	
104	BL-12-LN-8	1/2" Lock Nuts w/ Nylon Inserts, Grade 8	3	
105	BL-20-300-H	1 1/4' x 3' Gr 5 HH Bolt Zinc Coated	4	
106	BL-20-N	1 1/4' Nut	4	
107	BL-24-FW	1 1/2' Flat Washer, Zinc	14	
108	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	3	
109	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	2	
110	BL-4-FW	1/4 USS FW ZC	13	
111	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	22	
112	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	4	
113	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	16	
114	BL-8-SW-8	1/2 SAE FW G8 ZC	36	
115	BL-12-400-8	1/2" x 4", HH C/S G8 ZC	4	
116	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	2	
117	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	8	
118	BL-10-FWSS	5/8 USS FW SS	16	
601	A-4459-40-32	Flange Nipple, 2-1/2' barb x 2 flange' 90°	2	
602	A-4601-24-24	1 1/2 x 24 SAE 90° Male O-Ring Beaded Insert	1	
603	AN-24-CL	1 1/2' Black (Nipple Close)	1	
604	A-SFK-32	2' Split Flange Kit	2	
605	A-ST-20	1 1/2 NPT to 1 1/2 Hose Barb Adapter	1	
606	A-WF-24-10-3	24 SAE Male O-Ring w/ (3) #10 SAE Ports	1	
607	H10-180-8MP-12MJ	5/8 in hose 1/2MP X 1/2 MJIC 180 in long	2	
608	H10-96-8MP-12MJ	5/8 in hose 1/2MP x 1/2 MJIC x 96 in long	1	
609	H12-174-12MP-16MJ	1/2 in hose 1/2MP-1 MJIC x 174 in long	2	

610	H24-S-252	1-1/2' Suction Hose 252' long	1
611	H40-S-270	2-1/2' Suction Hose 270' long	2
612	A-6900-12-12	12 SAE x 1/2" FPX	4
613	A-6900-12-8	12 SAE x 1/2" FPX	2
614	A-6901-10-8	10 SAE x 1/2" FPX 90°, Forged	2
615	A-6901-12-12	12 SAE x 1/2" FPX 90°, Forged	2
616	A-6900-10-8	10 SAE x 1/2" FPX	2
617	H10-60-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 60 in long	1
618	H10-300-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 300' long	2
619	H10-18-8MP-8MP	5/8 in hose 1/2 x 1/2 x 18 in long	2
620	H12-96-12MP-12MP	1/2 in hose 1/2MP x 1/2MP x 96 in long	1
621	H10-203-8MP-8MP	5/8 in hose 1/2MP X 1/2MP X 203 in long	2
622	AN-24-18	1 1/2" Black Nipple 18" long	1
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1

KIT-0011 Overhead Vine Assist Chain, for 190 Tomato w/ Sickle Bar Only*

Benefits:

- Long chain assist
- Feeds plants in at the sickle bar



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 5 hrs.

Will Fit: 190 Tomato w/ Sickle Bar Only

*see KIT-0215 for Diskhead Equipped

KIT-0011 Overhead Vine Assist Chain, Long Chain, 190, Sickle Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
3	BRA-0098	Bracket Roller Mount	3	KIT-0011	
4	BRA-0099	Bracket Roller MountOverhead Vine Assist Sickle	3	KIT-0011	
5	BRA-0104	Bar,Long Vine Assist,Backing Plate	2	KIT-0011	
6	BRA-0100	Bracket,Overhead Vine Assist Sickle Bar	2	KIT-0011	
7	BRA-0103	Bracket,190 Pepper,Vine Assist Sickle	1	KIT-0011	
8	BRA-0102	Bracket,Vine Assist, 190 Pepper,Sickle	1	KIT-0011	
9	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
10	PAN-1106	Panel, Weldment, Outer Rear, Vine Assist	1	Kit-0050	
11	193-806	Mount motor	1		
12	193-806B	Motor Mount Stop	1		
13	SFT-0020	Shaft,Overhead Vine Assist190Sickle,20in. Wide	1	KIT-0011 KIT-0215	
14	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	2		
15	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
16	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	1		
17	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	1		
18	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4' key urethane	2		
19	KEY-4-4-28	Shaft Key 1/4' x 1 1/4'	2		
20	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
21	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	8		
22	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
23	RLA-000-118	Standoff, 1/2' X 1 1/8'	6		
24	SC-20-7	Bearing Protector, 1 1/2', Outer, Lock Collar Side	2		
25	SC-20-6	Bearing Protector, 1 1/2', Inner Side	2		
26	BAR-0134	Vine Assist Tomato,Cross Bar Support	3		
27	RLT-027-108	Roller 2.75' dia. 1/2' Bore	4		2755C1X (Old Number, Single Bearing)
28	BC-6-20108-107	Belted Chain, 3/8 x 20, 2x60, 107 Pitches Long	1		
29	WT-11	Wire Tie 11'	20		
100	BL-1032-175P	10/32 x 1 1/4' Pan Head, Phillips Machine Screw	8		

101	BC-1032-LN	10-32 lock nuts	8
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	20
103	BL-6-SW	3/8 SAE FW ZC	20
104	BL-6-SW-8	3/8 SAE FW G8 , Yellow Zinc, Thru Hardened	20
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20
106	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4
107	BL-6-LW	3/8 SPLIT LW ZC	4
108	BL-6-N	3/8-16 HEX NUTS ZC	4
109	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	4
110	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	4
111	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	4
112	BL-8-500-H	1/2-13 X 5 HEX CAP G5 ZC	4
113	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	20
114	BL-8-FW	1/2 USS FW ZC	16
115	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	20
116	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2
117	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2
601	A-6900-10-8	10 SAE x 1/2 FPX	3
602	A-1405-12-12	1 1/2 NPT coupler w/swivel	1
603	H12-36-12MP-8MP	1 1/2 in hose 1 1/2MP x 1/2MP x 36 in long	1
604	H12-20-12MP-8MP	1 1/2 in hose 1 1/2MP x 1/2MP x 20 in long	1
605	H10-56-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 56 in long	1

KIT-0020 Mud Pusher for 190 Tomato

Benefits:

- Pipe bolted in between Nose Cones
- Keeps log roll out of nose in muddy conditions. May need to be removed when dry.
- Helps to support header chain bars



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1/2 hr.

Will Fit: All 190 Tomato Harvesters

KIT-0020 Mud Pusher, Nose Cone Mounted Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ARM-105	King Style Mud Pusher,(Pipe End)	1		
2	ARM-106	King Style Mud Pusher,Shaft End	1		
100	BL-10-LW	5/8 SPLIT LW ZC	2		

KIT-0028 Gathering Chain Roller Kit for 190 Tomato

Benefits:

- Powered roller behind gathering belt
- Closes gap between gathering chain & frame
- Less plugging of vines



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All Harvesters

KIT-0028 Gathering Chain Roller Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-1308	Mount, Right Side, Roller, 190	1		
2	MOU-1309	Mount, Left Gath. Chain, Assembly	1		
3	RLP-1300	Roller, Gathering Chain	2	KIT-0028	
4	RLT-027-108	Roller 2.75' dia. 1/2' Bore	2		2755C1X (Old Number, Single Bearing)
5	SP-50B12-20-4	Hardened Tooth Sprocket, #50, 12 Tooth, 1.25' Bore	2	19201-	
7	SP-50B12-20-S	Split Sprocket, 12 Tooth, #50, 1-1/4 bore	2	Kit-0028	
8	KEY-4-4-16	Shaft Key 1/4' X 1/4' X 1' Square Cut (1018)	2	20095001-	
9	CH-50-27	Roller Chain, 27 pitches, #50, Gathering Chain Roller	2	Kit-0028	
10	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	4		
11	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	4		
14	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
15	BR-072-RAK	72mm Cast Housing	2		
16	SHD-1308	Shield, Right Gathering Roller, 190	1		
17	SHD-1309	Shield, Left Gathering Roller, 190	1		
19	BR-12572-LC	1 1/4' Locking Collar - Bearing Protector	2		
21	SPA-1309	Spacer, Gathering Chain Rollers, 190	2		
100	BL-6-075-H	3/8-16 X 1/2 HHCS G5 ZC	8		
101	BL-6-LW	3/8 SPLIT LW ZC	18		
102	BL-6-N	3/8-16 HEX NUTS ZC	4		
103	BL-6-FW	3/8 USS FW ZC	4		
104	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2		
105	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	4		
106	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	2		
107	BL-10-250-H	5/8-11 X 2 1/2 HEX CAP G5 ZC	8		
108	BL-10-FW-8	5/8' Grade 8 Flat Washer	20		
111	BC-1032-LN	10-32 lock nuts	8		
112	BL-10-300-H	5/8-11 X 3 HEX CAP G5 ZC	4		
112	BL-1032-175P	10/32 x 1 1/2' Pan Head, Phillips Machine Screw	8		

113	BL-6-SW	3/8 SAE FW ZC	8
114	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	2
115	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4
116	BL-6-175-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4
117	BL-10-LN	5/8-11 HEX LN NE ZC	12
118	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	18
119	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4

KIT-0034 Light Kit for 190 Tomato

Benefits:

- Flashers, 2 in rear and 1 in front
- Added safety, especially when road transporting



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install:

Will Fit: All 190 Tomato Harvesters

KIT-0034 Flashing Lamp Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	192-1509C	Air compressor adjuster	1	19201-	
0	EL-1206	Double Amber Lamp	3		
0	EL-1208	Solenoid, Light relay	1	30095001- 19101-19114	
0	EL-14D0	Switch Boot	1		
0	ELC-14-BR	14 Gauge Wire (Brown)	0		
0	ELC-16-G	16 Gauge Wire (Green)	0		
0	ELC-16-Y	16 Gauge Wire (Yellow)	0		
0	ELC-18-R	18ga Wire - Red	0		
0	ELL-25-0	1/4' Wire Loom @ft	0		
0	ELS-2TLB	Toggle Switch, 2 Position, Long Bat (15 Amp)	1		
0	ELS-73920	Two Pin Flasher	1		
0	ELT-31712	Push On Male 14-16 ga	9	HV-1045K	
0	ELT-31713	Push On Female Terminal 14-16 ga.	9	HV-1045K	
0	ELT-31755	Snap Spade Terminal #10 x 14-16ga	3	HV-1045K	
0	ELT-32572	T-Tap 12ga	2		
0	ELT-36026	Spade Terminal #6 x 14-16ga	6		
0	ELT-52565	Ring Terminal 5/16 x 14-16ga	2	HV-1045K	
0	EL-WC	Electrical, Nylon wire holder	20		
0	RI-3-7-P	Pop Rivet, .375 Domed head 3/16 x 1/2	20		
0	SHD-1206	Shield, Flashing Light	3	30097001- 19601-	
0	WT-14	Wire Tie 14 1/4'	40		
0	WT-3	3 1/2' Wire Tie	30		

KIT-0035 Safety Chain for Tongue on 190 Tomato

Benefits:

-Adds safety if pin were to work itself out or break



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 15-30 mins. (some
drilling req'd)

Will Fit: Standard 190 Tomato Hitch

KIT-0035 Safety Chain Kit for Tomato Harvester Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-3167	Safety Chain, Agricultural, 30,400 lb. Capacity	1	19701- 30097001-	
2	BL-16-700-H	Hex Bolt 1 x 7 Zinc Grade 5	1		
3	BL-16-SW	1" SAE Washer	2		
4	BL-16-LN	1" Lock Nuts w/ Nylon Inserts	1		

KIT-0050 Overhead Vine Assist Kit for 190 Tomato

Benefits:

- Belted Chain above top end of Header Chain.
- Keeps an even flow of product into shaker chamber for better separation.
- Helps vines enter shaker and prevents fruit and vines from tumbling down header chain.



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 4-5 hrs. (some
drilling req'd)

Will Fit: All 190 Tomato Harvesters

KIT-0050 Overhead Vine Assist Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-1104	Panel, Weldment, Outer Forward, Vine Assist	1	Kit-0050	
2	PAN-1105	Panel, Weldment, Inner Forward, Vine Assist	1	Kit-0050	
3	PAN-1106	Panel, Weldment, Outer Rear, Vine Assist	1	Kit-0050	
4	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
5	193-806B	Motor Mount Stop	1		
6	BAR-1100	Bar, Connecting Bar, Front, Vine Assist	1	Kit-0050	
7	193-603	Shaft, Elevation	1	19301- (Elevation), KIT-0101 (Vine Assist),KIT- 0050,Kit- 0051	
10	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	1		
11	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
12	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	1		
13	KEY-4-4-28	Shaft Key 1/4' x 1 1/2'	2		
14	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
15	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2' bore, no flange	4		
16	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4' key urethane	2		
17	193-806	Mount motor	1		
21	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
22	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	2		
23	BC-6-3272-74-AL	32' x 72mm,74 Bars (209.76"), 60mm Belting,3/8'Bar	1		
24	SC-20-6	Bearing Protector, 1 1/2', Inner Side	2		
25	SC-20-7	Bearing Protector, 1 1/2', Outer, Lock Collar Side	2		
26	STP-FL30	Stop, Flow Control	1	19101-	
100	BL-1032-175P	10/32 x 1 1/2' Pan Head, Phillips Machine Screw	8		
101	BL-6-SW	3/8 SAE FW ZC	42		
102	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	6		
103	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20		
104	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	12		

105	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4
106	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4
107	BL-6-LW	3/8 SPLIT LW ZC	4
108	BL-6-N	3/8-16 HEX NUTS ZC	4
109	BL-6-275-H	3/8-16 X 2 1/2 HEX CAP G5 ZC	4
110	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	6
111	BL-8-SW	1/2 SAE FW ZC	6
112	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6
113	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	2
114	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4
601	A-6900-10-8	10 SAE x 1/2 FPX	2
602	A-1405-12-12	1/2 NPT coupler w/swivel	1
604	H12-36-12MP-8MP	1/2 in hose 1/2MP x 1/2MP x 36 in long	1
605	H12-20-12MP-8MP	1/2 in hose 1/2MP x 1/2MP x 20 in long	1

KIT-0057 Cross Conveyor Anti-Wrap for 190 Tomato

Benefits:

- PVC guard over Cross Conveyor shaft.
- Prevents wrapping around the shafts of the Cross Conveyor.
- Keeps mud from pushing chain off of sprockets.



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1 hr.

Will Fit: All 190 Tomato Harvesters

KIT-0057 Cross Conveyor Anti Wrap Shield Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	CL-72	5' Gear Clamp	2		
2	PL-1412	Plastic, Shield, Anti-Wrap, Shaft Drv, 32' Chains	1		
3	PL-1416	Shield, Anti Wrap, Cross Conveyor, 24.375'	1	KIT-0057	
4	PL-1421	Urethane Hub for Shaft Cover 1 1/4' Bore	2		Replaces PL-1415

KIT-0064 Big Wheel Kit for 190 Tomato

Benefits:

-Better floatation in wet conditions.



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 6-8 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0064 Tomato Big Wheel Kit (19801-) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	AC-2	1/8" NPT Coupler	2		
2	AN-2-CL	1/8" NPT Close Nipple	2		
3	BAR-1118	Bar, Hold up, Head Chain, Big Wheel	1	KIT-1118	
4	BRA-1936	Bracket, Lower Roller for Header Chain (L.H.)	1		
5	BRA-1938	Bracket, Lower Roller for Header Chain (R.H.)	1	192-101K	
6	BT-1118	Belting, Aftersort, 'Big Wheel' Kit	1		
7	COV-1118	Cover, Level Cylinder	1		
8	GF-1827-90	Grease Fitting 1/8 NPT x 90°	4		
9	PIN-1118	Pin, Shaft Holder, Big Wheel (Tomato)	2	KIT-1118	
10	PIN-6-24	Roll Pin, 3/8" x 1 1/2"	4		
11	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
12	RLR-040-108	4" Flat Roller	2		Changed to Urethane in 2006
13	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	2		
14	SFT-1118	Shaft, Rocker Mount, Big Wheel (Tomato)	2	KIT-1118	
15	SUP-1121	Support, Rocker, Big Wheel (Tomato)	2	KIT-1118	
16	WHL-1118	Wheel, Axle, Big Wheel (Tomato)	1	KIT-1118	
17	WHL-1121	Rocker, Big Wheel	2	WHL-1118 / WHL-1138 / WHL-1136	
18	WHM-1135	Mounted 16.1 x 16.5L Traction Tire for 190's (tubeless)	4	190	
100	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	4		
101	BL-10-FW-8	5/8" Grade 8 Flat Washer	4		
102	BL-10-LW	5/8 SPLIT LW ZC	4		
103	BL-10-SW-8	5/8 S.A.E. FLAT WASHERS	4		
104	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	3		
105	BL-4-FW-8	1/4" Flat Washer Grade 8	6		
106	BL-4-LN	1/4-20 HEX LN NE ZC	3		
107	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
108	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	4		
109	BL-6-LW	3/8 SPLIT LW ZC	4		

110	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	2
111	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	2
112	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	2
113	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2
114	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	10
115	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6

KIT-0072 Disk Bearing Lowering Kit for Cucumber Harvester

Benefits:

- No bearings or disk shafts.
- Makes it more difficult to bend disk shafts.



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All Cucumber Harvesters

KIT-0072 Disk Brg Lowrng Kit w/o brgs and & shafts, Cuc Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SUP-6138	Support, Disk Bearing, Lowering, Left Side	1	61395-	
2	ADJ-6139	Adjuster, Support, Disk Bearing, Cuc	2	61398- KIT-0062	
3	SCR-613R	Scraper, Cuc., Cutting Disk, Right	1		
4	SCR-613L	Scraper, Cuc., Cutting Disk, Left	1		
5	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2' bore, no flange	8		
6	SUP-6139	Support, Lower Bearing, Right Side	1	61395-	
7	CH-80-O	Roller Chain Link #80 Offset Link	1		
101	BL-10-300-H	5/8-11 X 3 HEX CAP G5 ZC	12		
102	BL-10-FW-8	5/8' Grade 8 Flat Washer	28		
103	BL-10-LN	5/8-11 HEX LN NE ZC	14		
104	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	8		
105	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	24		
106	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
107	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	2		
108	BL-8-200-C	1/2-13 x 2 CARRIAGE BOLT GR5 ZINC	4		
109	BL-8-LW	1/2 SPLIT LW ZC	4		
110	BL-8-N	1/2-13 HEX FIN NUTS ZC	4		

KIT-0077 Spring Header Lift Assist for 190 Tomato

Benefits:

- Spring mounting of header lift cylinders.
- Lightens load that Header Gauge Wheels carry.
- Enhances performance of gauge wheels in muddy and sandy conditions.



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs. (some drilling req'd.)

Will Fit: All 190 Tomato Harvesters

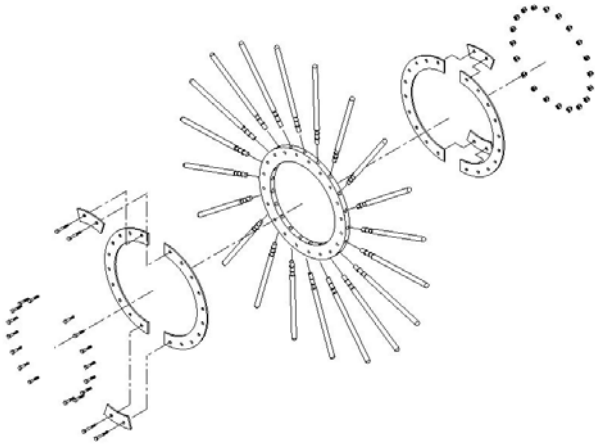
KIT-0077 Spring Header Lift Assist Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BL-16-400-H	1' x 4' Gr 5 HH Bolt Zinc Coated	2		
2	BL-16-LN	1' Lock Nuts w/ Nylon Inserts	2		
3	MOU-1350	Mount, Cylinder, Header Lift	1	KIT-0077	
4	MOU-1352	Mount, Spring, Outer	1	KIT-0077	
5	MOU-1354	Mount, Spring, Inner	1	KIT-0077	
6	MOU-1356	Mount, Adjuster	1	KIT-0077	
7	SPRG-1200-EH	Spring, Extra Heavy 2' Hole Dia., 1' Rod x 12' Long	1		
8	BL-16-SW	1' SAE Washer	4		
101	BL-6-375-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	2		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
103	BL-6-SW	3/8 SAE FW ZC	4		
105	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4		
106	BL-8-650-H	Grade 5 Bolt 1/2 x 6 1/2	2		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
108	BL-8-SW-8	1/2 SAE FW G8 ZC	12		

KIT-0091 Shaker Ring, Half Flange Kit

Benefits:

-Easy installation / replacement of rings



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install:

Will Fit: All 190 & 290 Tomato Harvesters

KIT-0091 Shaker Ring, Half-Flange Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	191-432A	Half flanges	4		
2	191-432B	Connecting Bar, Shaker Ring Half-Flange	4		
3	192-431	Moulded Rubber Tine Holders	1	19101- 30095001-	
4	ST-430-P	Shaker Tines , Molded Urethane	20		
100	BL-6-150-SS	3/8-16 X 1 1/2 HEX CAP SS	16		
101	BL-6-200-HSS	3/8-16 x 2 Hex Head Stainless	4		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20		

KIT-0096 Separation Kit for 190 Tomato

Benefits:

- With Air Retrofit
- For machines with Air Tank under the Transfer Chain
- Better separation of fruit from vines



Price: \$

Availability: Special Order

Can Be Installed: Off season

Approx. Time Required to Install:

Will Fit: 190 Tomato Harvesters

KIT-0096 Separation Extension Kit,Tomato(19600) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0001	Painting (Includes Paint)	1		
0	191-1132-O	Bar	1	191-1132	
0	193-806	Mount motor	3		
0	193-806A	Motor mount stop	3		
0	193-806C	Motor Guard	3	19301-	
0	194-1101-HHHH	Bar	1		
0	194-1414-G	Tube	1	194-1414	
0	194-209	Transfer - Header Roller	1	19401-	
0	195-1140B	Brace for Shaker Shield	1		
0	195-202	Shaft for kit 44 1/2'long keyed both ends	2	19501- 195-208K	
0	195-304D	Access Door w/Hinge	1		
0	HM-103-TC	TCI Motor	3		Seal Kit # TCI-SKHRQ
0	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
0	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
0	HV-FL30	Flow Control Valve 30GPM	2		
0	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	3		
0	KEY-4-4-32	Shaft Key 1/4' x 2' Square Cut (1018)	4		
0	LA-1530	Medium Rubber T Latch Assembly	3		
0	MOU-1416	Mount, Sec. Shaker, Inner	1	KIT-0080	
0	MOU-1418	Mount, Sec. Shaker, Outer	1	KIT-0080	
0	MOU-306	Mount, Roller Holder, Inner, Vine Chain, Tom	1		
0	PAN-306	Panel, Left/Rear	1	KIT-0080	
0	PAN-307	Cover, Diagonal, Top,Tomato	1	KIT-0080	
0	PAN-308	Panel, Right, Rear,Tomato	1	KIT-0080	
0	PAN-309	Panel, Right/Mid,Tomato	1	KIT-0080	
0	PAN-315	Panel, Roller, Outer	1	KIT-0080	
0	PAN-316	Panel, Roller, Inner	1	KIT-0080	
0	PAN-920C	Panel, Access [Red]	2	19301-	

0	PL-1413	Plastic, Shield, Anti-Wrap, Shaft Drive	1	
0	PL-1414	Drive Shaft, Plastic, 28.25'	3	KIT-0075
0	PL-1420	Shield, Secondary Shaker Belt	1	
0	PL-1421	Urethane Hub for Shaft Cover 1 1/4' Bore	4	Replaces PL-1415
0	PL-306	Plastic, Vine Deflector, Outer	1	
0	PL-32-355	Plastic PVC Pipe, Shaker Tine Spacer	20	
0	PL-7504-4	PVC Clamp Cover, 4'	5	
0	POS-1416	Post, Angle, Shaker Shield, Door	1	
0	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	30	
0	RLA-000-118	Standoff, 1/2' X 1 1/8'	10	
0	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	5	19101-
0	RLA-3023-T	Straight Scraper, RH	1	
0	RLA-3024-T	Straight Scraper	1	
0	RLG-040-1016	4' Urethane Roller	5	Old Terog Part No. RU4
0	RLR-040-108	4' Flat Roller	4	Changed to Urethane in 2006
0	RLT-027-108	Roller 2.75' dia. 1/2' Bore	6	2755C1X (Old Number, Single Bearing)
0	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2' bore, no flange	2	
0	RLT-535-2210	5' Flange Roller 2.2 WF 3.5 dia, 5/8' bore	2	
0	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	6	
0	RLT-635-2210-SC	6 1/2' Flange Roller w/Shaft for Scraper 5/8' Bore	2	
0	RLT-635-228	6 1/2' Flange Roller 2.2 WF 3.5 dia, 1/2' bore	4	
0	RLT-965-2212	9.5' Flange Roller 6.5 WF 2.2 WW 1/2" bore, 3 brng.	4	
0	SCR-100	Scraper, Sprocket, Inner	2	
0	SCR-616	Scraper, Rear Transfer, Return Roller	1	KIT-0080
0	SHD-1143	Shield, Shaker Middle, Separation Kit	1	19601-19810 Replaces 196-1143 when installing separation kit on '96 through '98
0	SHD-1416	Shield, Rear Shaker	1	
0	SHD-1893	Deflector, Roller Diverter, Belted Chains, Steel	2	Replaces PL-1893
0	SHD-1895	Deflector, Roller, Long, Belted Chains, Steel	2	Replaces PL-1895
0	SHD-1898	Shield, Push Offs, Product Deflectors	4	
0	SHD-1899	Shield, Push Offs, 1' Wide Rollers	2	

0	SP-14406-20-4	Sprocket, 144mm Pitch, 6 Tooth, 1 1/4' Bore w/1/4' Keyway	2		Replaces SP-3618-20-4-RG and SP-14404-20-4
0	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4' key	2		Sub SP-3612-20-4
0	SUP-1101	Support,Shaker Frame	1		
0	SUP-1423	Support, Roller,Transfer, Outer,Tomato	1		
0	SUP-1424	Support, Roller, Transfer Chain, Inner, Tomato	1		
0	SUP-3350	Support, Hold-Up Roller, Cross Conveyor (Pickle)	1	30096001-	
0	WT-14	Wire Tie 14 1/4'	25		
0	Z-F-4-48	Flat 1/4 x 3 @ ft.	13		
0	BAR-1129	Bar, Backing Plate, Shaker Frame Assy.	1		
0	BAR-1416	Bar, Stiffner, Secondary Shaker Mount	1		
0	BAR-1861	Bar, Roller Backing Plate	6		
0	BAR-303	Bar, Angle, Shaker Cover Hook Bar Mount	1		
0	BAR-306	Bar, Angle, Stiffner, Lower Vine Deflector Holder	1		
0	BAR-307	Bar, Angle, Stiffner, Upper Vine Deflector Holder	1		
0	BAR-308	Bar, Stiffner, Inner Rear Shaker Panels	1		
0	BAR-310	Bar, Reflective Tape Mounting	1		
0	BAR-646	Bar, Belting, Cross Conv. Entr, Separation Kit	1		
0	BAR-806	Bar, Mount Stop, Backing Plate	1		
0	BC-3526	Split Retaining Ring (Cross Clip)	8		
0	BC-7-36144-61	Vine Chain	1	190	Replace with BC-8-36144-61
0	BC-7-3636-4	Transfer Chain Extension	1		
0	BC-7-3636-75	Rear Transfer, Belted Chain for Tomato	1		
0	BL-10-425-H	5/8-11 X 4 1/4 HEX CAP G5 ZC	6		
0	BL-10-FW-8	5/8' Grade 8 Flat Washer	20		
0	BL-10-LN	5/8-11 HEX LN NE ZC	6		
0	BL-10-SW	5/8 SAE FW ZC @	10		
0	BL-4-075-C	1/4 UNC X 1/2 CARRIAGE BOLT GR5 ZINC	12		
0	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	8		
0	BL-4-250-H	1/4-20 X 2 1/2 HEX CAP G5 ZC	4		
0	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	8		
0	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	3		

0	BL-4-FW-8	1/4' Flat Washer Grade 8	30
0	BL-4-LN	1/4-20 HEX LN NE ZC	25
0	BL-4-LW	1/4 SPLIT LW ZC	25
0	BL-4-LWN	1/4' Locking Wing Nut	3
0	BL-4-N	1/4-20 HEX FIN NUTS ZC	25
0	BL-6-075-C	3/8 UNC X 1/2 CARRIAGE BOLT GR5 ZINC	16
0	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	5
0	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	80
0	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	40
0	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	6
0	BL-6-175-H	3/8-16 X 1 1/2 HHCS G5 ZC	4
0	BL-6-225-H	3/8 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	4
0	BL-6-400-H	3/8-16 X 4 HEX CAP G5 ZC	2
0	BL-6-650-H	3/8-16 X 6 1/2 HEX CAP G5 ZC	1
0	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	160
0	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	120
0	BL-6-LW	3/8 SPLIT LW ZC	40
0	BL-6-N	3/8-16 HEX NUTS ZC	21
0	BL-6-SW	3/8 SAE FW ZC	110
0	BL-8-150-C	1/2 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	2
0	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	8
0	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	4
0	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	14
0	BL-8-275-H	1/2 UNC X 2 1/2 HH C/S BOLT GR5 ZINC	4
0	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	6
0	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	12
0	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	6
0	BL-8-375-H	1/2 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	12
0	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	3
0	BL-8-700-H	1/2 UNC X 7 HH C/S BOLT GR5 ZINC	2
0	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	50

0	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	50	
0	BL-8-LW	1/2 SPLIT LW ZC	2	
0	BL-8-N	1/2-13 HEX FIN NUTS ZC	2	
0	BL-8-SW	1/2 SAE FW ZC	85	
0	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	6	
0	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	6	
0	BRA-1422	Bracket, Roller	1	KIT-0080
0	BRA-306	Bracket, Roller, Inner Side, Rear Trans.	1	kit-0080
0	CL-001	Clamp, 71.5' Long, For 21.5' Dia, SS Gear Clamp	5	100 Pc. Minimum From Mfg.
0	CL-72	5' Gear Clamp	4	
0	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	3	
0	DC-1176	Decal, Danger-Hand Chain Sprockets	7	
0	DC-1178	Decal, Small Red PIK RITE 4.25' x 31'	1	
0	DC-1400	Decal, Secondary Transfer, Yellow	1	
0	DC-1430	Decal, Vine Chain	1	
0	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.02	
0	H10-15-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 15' long	1	
0	H10-17-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 17' long	1	
0	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	4	
0	H10-34-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 34 in long	1	
0	H10-70-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 70 in long	1	
0	H10-72-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 72 in long	1	
4	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	3	
6	A-6401-10-8	10 SAE x 1/2 MPT Male	3	
7	A-1603-8-8-8	Swivel T 1/2' NPTF	2	
8	A-6901-10-8	10 SAE x 1/2 FPX90-, Forged	3	
9	AIR-PL-4-2	Male Elbow, 1/4 x 1/8NPT, Brass, D.O.T., Prestomatic	1	
10	A-6902-10-8	10 SAE X 1/2' FPX 45-	4	
11	A-6900-10-8	10 SAE x 1/2 FPX	2	
12	AB-8-4	1/2 x 1/4 Bushing	1	
15	A-2501L-10-8	5/8MJIC x 1/2MP(Long)90-	1	19701-

16	A-4121-10-10	5/8" Push Loc x 5/8" JIC Female	1
20	H10-PL-41	5/8" Push Loc Hose 41'	1
21	H10-PL-51	5/8" Push Loc Hose 51'	2
26	CL-16	1" Stainless Steel Gear Clamp	4
31	A-1503-8-8	Elbow, 1/2" MP X 1/2" FPX45-	1
40	A-5602-8	Run Tee 1/2" NPT	1
41	A-2403-8-8	1/2" JIC Male Union	1
42	A-4121-8-8	1/2" Push Loc x 1/2" JIC Female	1
43	H8-PL	Push Loc Hose 1/2" @ ft.	20
55	A-1405-8-8	1/2" NPT Coupler W/Swivel	1

KIT-0103 22" Discharge Elevator Extension for 190 Tomato

Benefits:

-Longer reach



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 5 hrs.

Will Fit: 190 Tomato Harvesters

KIT-0103 22' Discharge Elevator Extension Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-9026	Bar, Cross Member, Discharge	1	19201- 192-900K	Replaces BAR-9025
2	BC-6-2036-30FL	Extension for Tomato Discharge Elevator	1		
3	PAN-9023	Panel, Discharge extension, Front	1		
4	PAN-9024	Panel, Discharge extension, Rear	1		
5	PAN-910	Panel, Top extension, Discharge Ext. Kit	2		
6	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	2	19101-	
7	RLG-040-1016	4' Urethane Roller	2	Old Terog Part No. RU4	
8	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia, 1/2' Bore	2		
100	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	8		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	14		
102	BL-6-LW	3/8 SPLIT LW ZC	8		
103	BL-6-N	3/8-16 HEX NUTS ZC	8		
104	BL-6-SW	3/8 SAE FW ZC	36		
105	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	8		
106	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	6		
110	BL-8-275-H	1/2 UNC X 2 1/2 HH C/S BOLT GR5 ZINC	2		
111	BL-8-375-H	1/2 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	2		
112	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
113	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
114	BL-8-SW	1/2 SAE FW ZC	4		
600	A-1405-8-8	1/2' NPT Coupler W/Swivel	2		
601	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	2		

KIT-0112 Power Vibrator, Transfer w/ Brackets, 190 Tomato

Benefits:

-Reduces mud build-up on Transfer Chain under Shaker



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs. (some cutting & drilling req'd)

Will Fit: 19501 & later 190 Tomato Harvesters

KIT-0112 190 Power Vibrator, Transfer w/ Brackets Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1' shaft
2	MOU-0167	Mount, Motor Cross Vibrator	1		
3	MOU-0165	Motor Mount, Stop, Cross Vibrator	1		
4	MOU-0175	Mount, Cross Vibrator 190	2		
5	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	1		
6	BR-072-RAK	72mm Cast Housing	2		
7	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
8	SFT-1360	Shaft, Dirt Vibrator, Transfer Belt	1		
9	RLT-027-108	Roller 2.75' dia. 1/2' Bore	4		275C1X (Old Number, Single Bearing)
10	BRA-1360	Bracket, Vibrator, Transfer Chain	1		
11	BRA-1362	Bracket, Vibrator Transfer Return	1		
12	HV-FL30	Flow Control Valve 30GPM	1		
13	STP-FL30	Stop, Flow Control	1	19101-	
14	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
15	CPJ-6055	Coupler, L100, Urethane Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
16	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore x 1/4' Key	1	19101	Sub 194-6053 Exept on Debris Fan
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	8		
103	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
104	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	16		
106	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2		
107	BL-8-275-H	1/2 UNC X 2 7/8 HH C/S BOLT GR5 ZINC	4		
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	14		
109	BL-8-SW	1/2 SAE FW ZC	20		
110	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	6		
111	BL-4-225-H	1/4 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	2		
112	BL-4-FW-8	1/4' Flat Washer Grade 8	2		
113	BL-4-LN	1/4-20 HEX LN NE ZC	2		
114	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	2		

601	A-6901-10-12	10 SAE x 1/2" FPX90°, Forged	4	
602	A-1601-8-8-8	1/2" MP x 1/2" FPX x 1/2" FPX Tee	1	
603	A-6900-10-8	10 SAE x 1/2" FPX	1	
604	A-1405-8-8	1/2" NPT Coupler W/Swivel	1	
605	H12-27-8MP-8MP	1/2" in hose 1/2" MP x 1/2" MP x 27 in long	1	
606	H12-27.5-12MP-12MP	1/2" in hose 1/2" MP x 1/2" MP x 27.5 in long	1	HV-1045K
607	H12-30-12MP-8MP	1/2" in hose 1/2" MP x 1/2" MP x 30 in long	1	
608	H12-50-12MP-8MP	1/2" in hose 1/2" MP x 1/2" MP x 50 in long	1	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

KIT-0119 Shaker Anti-Wrap Kit for 190 Tomato

Benefits:

- PVC Fillers in between shaker tines
- Can fit either primary or secondary shaker
- Reduces vine wrap around the shaker while providing for better fruit separation



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 1-2 hrs.

Will Fit: All 190 Tomato Harvesters

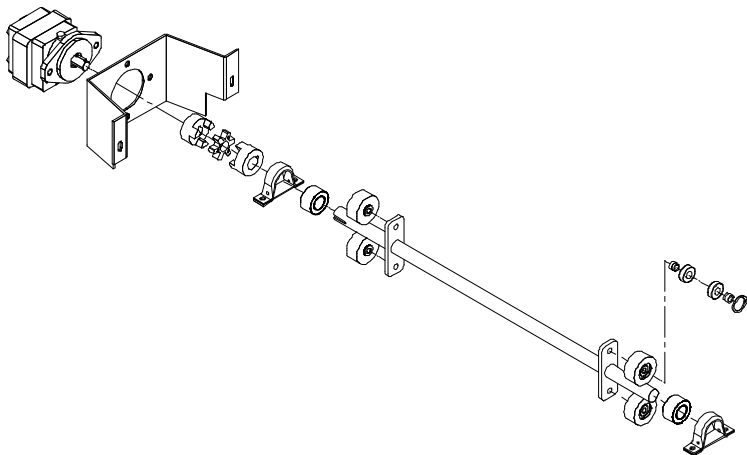
KIT-0119 Shaker Anti-Wrap Kit, 2' Spacer Tubes Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0000	Manufacturing Labor	0		
1	PL-32-355	Plastic PVC Pipe, Shaker Tine Spacer	20		
2	PL-7504-4	PVC Clamp Cover, 4'	5		
3	CL-001	Clamp, 71.5' Long, For 21.5' Dia, SS Gear Clamp	5		100 Pc. Minimum From Mfg.

KIT-0121 2nd Vibrator, Lower Header Kit for 190 Tomato

Benefits:

- Reduces mud build-up on header chain
- Helps keep chain cleaner



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0121 2nd Vibrator, Header, Lower, 190 Series Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	192-136	Vibrator shaft	1	19201-	
2	192-138	Mount, Vibrator Motor	1	19201-	
3	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
4	BR-125-062	Bearing, 1 1/4" Fafnir tri-seal, 62mm OD	2		
5	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore x 1/4" Key	1	19101	Sub 194-6053 Exept on Debris Fan
6	CPJ-6055	Coupler, L100, Urethane Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
7	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
8	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
9	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1' shaft
10	KEY-4-4-20	Shaft Key 1/4" x 1 1/4"	1		
11	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
12	HV-FL30	Flow Control Valve 30GPM	1		
100	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	4		
101	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	2		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
103	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	8		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6		
105	BL-6-SW-8	3/8 SAE FW G8 , Yellow Zinc, Thru Hardened	4		
106	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	2		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
108	BL-8-SW	1/2 SAE FW ZC	6		
109	BL-4-225-H	1/4 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	2		
110	BL-4-FW	1/4 USS FW ZC	10		
111	BL-4-LN	1/4-20 HEX LN NE ZC	2		
600	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1		
601	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
602	H10-108-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 108 in long	1		
603	H10-144-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 144 in long	1		

604	H6-PL	Push Loc Hose 3/8' @ ft. (Gray)	12	
605	ATB-06-06-06	3/8' x 3/8' x 3/8' Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
606	CL-10	Single Snap Grip Clamp for 3/8' Push Loc Hose	3	Use with ATB-06-06-06
607	A-1603-8-8-8	Swivel T 1/2' NPTF	1	
608	A-6401-10-8	10 SAE x 1/2 MPT Male	1	
609	A-6901-10-8	10 SAE x 1/2 FPX90-, Forged	2	
610	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	1	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

KIT-0123 Air Intake Kit for 190 Tomato

Benefits:

- Draws air from outside of elevation chain
- Less dirt is drawn into debris fan
- Fan housing stays cleaner



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 2-3 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0123 Air Intake Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FAN-1750	FAN, REAR AIR INTAKE, DEBRIS FAN	1		
2	MOU-1750	Mount, Roller, Debris Fan Intake	2		
3	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
5	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
6	RLA-006-078	Bushing 1/2' x 5/8' x .75'	2		
7	RLT-050-1010	5' Flat Idler Roller 5/8' Bore	2		
101	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	10		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
103	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	8		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
106	BL-8-475-H	1/2-13 X 4 1/2 HEX CAP G5 ZC	2		
107	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	2		
108	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2		

KIT-0124 Canopy Enclosure Kit for 190 Tomato

Benefits:

-Keeps labor in clean air and out of the elements



Price: \$

Availability: Special Order

Can Be Installed: Off season only

Approx. Time Required to Install: 15 hrs.

Will Fit: All (2003 & later) 190 Tomato Harvesters

KIT-0124 190 Canopy Enclosure Kit, Aftermarket Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BT-0009	Belting, Enclosure Tarp Protector, @ Shaker Frame	1		
2	FAN-8100	Fan, Fresh Air Fan Housing, Canopy	1		
3	FAN-290-36	Fresh Air Fan, 36' with PU-SH-16 bushing	1		PU-SH-16 Bushing included.
4	FAN-4751	Fan Housing, Fresh Air Fans, Hand Sort Tables	1		
5	FFR-14251	Filter Frame, 14 x 25 x 1	4		
6	FP-14251	Filter Pad, 14 x 25 x 1	4		
7	FAN-8102	Fan, RH/LH Diffuser, Fresh Air Fan	2		
8	FAN-8103	Fan, Front/Back Diffuser, Fresh Air Fan	2		
9	FAN-8101	Fan, Shield, Fresh Air, Canopy	1		
10	SPA-8000	Spacer, Outside, Fresh Air Fan, Harvester	5		
11	SPA-8001	Spacer, Inside, Fresh Air Fan, Harvester	11		
12	ARM-8000	Arm, Diffuser Outside, Fresh Air Fan	4		
13	HM-115	Hydraulic Motor	1		
16	ARM-0124	Arm, Front Left Track Support, Canopy, 190 Tom.	1		
17	BAR-0124	Bar, Tarp Track Side Support, 190 Tom.	1		
18	BRA-0124	Bracket, Back Right Support, Flip Up, Canopy 190	1		
19	FRM-0124	Frame, Fresh Air Fan Support, Canopy 190 Tom.	1		
20	MOU-0124	Mount, Front Right Support, Flip Up, Canopy 190	1		
21	POS-0124	Post, Front Track Support, Canopy, 190 Tom.	1		
22	SUP-0124	Support, Rear Track, Canopy, 190 Tom.	1		
23	STD-0124	Stand, Back Left Track Support, Canopy, 190	1		
24	BAR-0034	Tarp Track Support, 3rd Space, Canopy Frame	2		
25	FRM-0011	Frame, Ventilation Fan, Over Sorting	1		
27	TRP-1150-BSP	Back Side Panel, Canopy Assembly, 190 Tom.	1		
28	TRP-1150-FSP	Front Side Panel, Canopy Enclosure 190 Tom.	1		
29	TRP-1150-LSP	Left Side Panel, Canopy Enclosure, 190 Tomato	1		
30	TRP-1150-RSP	Right Side Panel, Canopy Enclosure, 190 Tom.	1		
31	TT-2771	Tarp Tracking, 16' Sections	3		

32	WT-7	Wire Tie 7'	10	
33	BRA-0032	Bracket, Inner Decking	1	
34	BRA-0033	Bracket, Inner Decking	1	
35	HV-FL30	Flow Control Valve 30GPM	1	
36	CM-01	Deck Mat, Outer Front, Rubber	1	
37	CM-04	Deck Mat, Inside, Rubber	1	
38	CM-05	Deck Mat, Inner, Rubber	1	
39	CM-06	Deck Mat, Inner Decking, Rubber	1	
40	CM-08	Deck Mat, Outer Mid, Big Wheels	1	
41	CM-09	Deck Mat, Outer Rear, Big Wheels	1	Must Modify to fit small wheel machines pre '98
42	CM-10	Deck Mat, Inner Elevation w/ Presort	1	
43	STD-1412	Stand, Decking, Inner Rear Aftersort	1	
44	ARM-0006	Arm, Tarp Bows, Enclosure Frame	6	
45	SPA-0124	Spacer, Tarp Bows, Canopy Kit, 190 Tomato	6	
100	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	25	
101	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	75	
102	BL-1224-150-DT	12-24 x 1 1/2 Drill & Tap Screw	6	
103	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	4	
104	BL-4-225-H	1/4 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	16	
105	BL-4-FW-8	1/4" Flat Washer Grade 8	50	
106	BL-4-LN	1/4-20 HEX LN NE ZC	20	
107	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	10	
108	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	3	
109	BL-6-400-H	3/8-16 X 4 HEX CAP G5 ZC	3	
110	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	40	
111	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20	
112	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	5	
600	A-1603-8-8-8	Swivel T 1/2' NPTF	1	
601	A-6401-10-8	10 SAE x 1/2 MPT Male	2	
602	A-6901-10-8	10 SAE x 1/2 FPX90-, Forged	1	
603	H10-190-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 190 in long	2	

604	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1	
605	A-6901-12-8	12 SAE x 1/2' FPX 90°, Forged	2	
606	ATB-06-06-06	3/8' x 3/8' x 3/8' Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
607	EL-31562	Splice Tap for 18-14 Gauge Wire	1	
608	ELC-16-G	16 Gauge Wire (Green)	10	
609	ELT-25054	Black Cable Clamp, 3/8'	25	
610	ELT-31712	Push On Male 14-16 ga	1	HV-1045K
611	ELT-31713	Push On Female Terminal 14-16 ga.	1	HV-1045K
612	H6-PL-198	3/8' Push Loc Hose 198' (Secondary Shaker)	1	
613	HA-1032	Hydraulic Hose Holder 1/2	4	19101
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

KIT-0127 Bar Cleaner Kit, Elevation

Benefits:

- Chain cleaner in Elevation Chain
- Keeps mud and dirt out of Elevation Chain



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1-2 hrs.

Will Fit: All 190 Tomato Harvesters

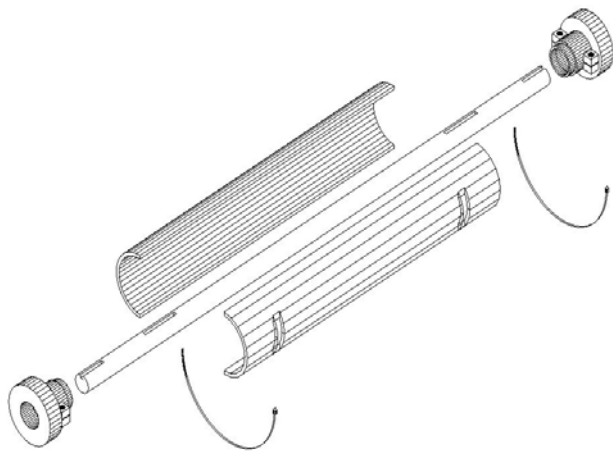
KIT-0127 Bar Cleaner Kit, Elevation Conveyor Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BRA-738	Bracket, Elevation Conveyor Bar Cleaner	1		
2	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
3	BR-125-062I	Bearing, 1 1/4" ID, TS	2		FIT Bearing
4	194-661	Bar Cleaner, 36mm pitch x 32' wide chain	1		
5	BRA-736	Bracket, Elevation Conveyor Bar Cleaner	1		
100	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
102	BL-6-SW	3/8 SAE FW ZC	8		
103	BL-8-275-H	1/2 UNC X 2 7/8 HH C/S BOLT GR5 ZINC	4		
104	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		

KIT-0128 Transfer Anti-Wrap Shield for 190 Tomato

Benefits:

-Keeps the shaft from wrapping or building up



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1 hr.

Will Fit: All 190 Tomato Harvesters

KIT-0128 Transfer Anti-Wrap Shield Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	CL-72	5' Gear Clamp	2		
2	PL-1413	Plastic, Shield, Anti-Wrap, Shaft Drive	1		
3	PL-1414	Drive Shaft, Plastic, 28.25'	1	KIT-0075	
4	PL-1421	Urethane Hub for Shaft Cover 1 1/4' Bore	2		Replaces PL-1415

KIT-0129 #80 Roller Chain Drive, Disk Header on 190 Tomato

Benefits:

-Longer wear life



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0129 #80 Roller Chain Drive, Disk Header Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	CH-80-51	Roller Chain #80 51 Pitches Disk Header (Tomato)	2		
2	RLA-006-078	Bushing 1/2' x 5/8' x .75'	2		
3	SP-8012-T	#80 Idler Sprocket	2		
4	SP-80B11-20-5	Hardened Tooth Sprocket, #80, 11 Tooth, 1.25' Bore with 5/16' Keyway	2		
5	SP-80SF28	Hardened Tooth Sprocket, #80, 28 Tooth, Uses SF Bushing	2		
6	SP-SF-2	Bushing, SF x 2'	2		

KIT-0130 Motor Drive for Debris Drum on 190 Tomato

Benefits:

- Eliminates roller chain drive system
- Replaces 145 link roller chain and tensioner
- Less maintenance



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs. (some cutting & plumbing req'd)

Will Fit: All (2000 & later) 190 Tomato Harvesters

KIT-0130 Motor Drive for Debris Drum (before 10001001) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	DC-1176	Decal, Danger-Hand Chain Sprockets	3		
1	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	2		
2	193-806	Mount motor	3		
3	193-806A	Motor mount stop	1		
4	193-806C	Motor Guard	3	19301-	
5	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	HM-214-TC	Hydraulic Motor	1		Seal Kit # TCI-SKHPQ
7	193-806B	Motor Mount Stop	1		
9	SPA-0071	Motor Stop Spacer	1		
100	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	8		
101	BL-6-LW	3/8 SPLIT LW ZC	8		
102	BL-6-SW	3/8 SAE FW ZC	14		
103	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
104	BL-6-FWSS	3/8 USS FW SS	6		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6		
106	BL-6-275-H	3/8-16 X 2 1/2 HEX CAP G5 ZC	2		
107	BL-4-LWN	1/4" Locking Wing Nut	3		
108	BL-4-FW	1/4 USS FW ZC	6		
109	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	3		
600	A-1405-8-8	1/2" NPT Coupler W/Swivel	1		
601	A-6902-10-8	10 SAE X 1/2" FPX 45-	4		
602	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	1		
603	H10-36-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 36 in long	1		
604	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	1		

KIT-0137 Fan Intake Extension w/ Elevation Bar Cleaner for 190 Tomato

Benefits:

- Combination of Air Intake and Elevation Bar Cleaner to be installed at the same time
- Air Intake helps to keep the Fan cleaner and the Bar Cleaner helps to keep the Chain Rods cleaner



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0137 Fan Intake Extension with Elevation Bar Cleaner Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FAN-1750	FAN, REAR AIR INTAKE, DEBRIS FAN	1		
2	MOU-1750	Mount, Roller, Debris Fan Intake	2		
3	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
5	194-661	Bar Cleaner, 36mm pitch x 32' wide chain	1		
6	BRA-736	Bracket, Elevation Conveyor Bar Cleaner	1		
7	BRA-738	Bracket, Elevation Conveyor Bar Cleaner	1		
8	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	2		
9	BR-125-062I	Bearing, 1 1/4' ID, TS	2		FIT Bearing
100	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	8		
101	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	12		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
103	BL-8-475-H	1/2-13 X 4 1/2 HEX CAP G5 ZC	2		
104	BL-8-FW	1/2 USS FW ZC	16		
105	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	4		
106	BL-6-SW	3/8 SAE FW ZC	4		
107	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2		
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		

KIT-0150 Vine Chopper for 190 Tomato w/ Extension

Benefits:

- Powered by tractor hydraulic system
- For machines that have Separation Extension Kit
- Cuts vines into 4-8 inch pieces



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 2-3 hrs. (must have forklift available)

Will Fit: Any 190 Tomato Harvester w/ Sep. Ext. Kit

KIT-0150 Vine Chopper for 190 w/ Sep. Ext. Plmbd to Tractor Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0500	Assembly Area	6.62		
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	MOU-2013	Hefty Right Mount, Vine Chopper, 190 Tomato	1		
4	MOU-2014	Hefty Left Mount, Vine Chopper, 190 Tomato	1		
5	SHD-2024	Shield, Top, Rounded, Vine Chopper, 190 Tomato Harvester	1		
6	KN-142141	Knife	5		
7	BAR-2020	Bar, Long Flail, Vine Chopper	27		
9	PAN-2012	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
10	PAN-2013	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
11	BAR-2013	Bar, Inside Plate, Vine Chopper, 190 Tomato	2		
12	SHD-2018	Shield, Back, Vine Chopper	1		
13	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
16	BR-175-085-KB	Fafnir Bearing 1 1/2" Heavy SS1	2		
17	BR-085-RAK	Bearing Housing 85 mm	2		
18	BAR-2015	Belting Bar, Vine Chopper, 190 Tomato	2		
19	HM-115	Hydraulic Motor	1		
20	BT-2007	Belting, 190 Vine Chopper, Update Sheild	1	BT-2007	
21	MOU-2010	Motor Mount, Vine Chopper, 190 Tomato Machine	1		
22	SHD-2009	Coupler Shield, Vine Chopper	2		
23	SUP-2002	Motor Mount Support, Vine Chopper	1		
24	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
25	MOU-2003	Left, Front Mount, Vine Chopper, 190 Tomato	1		
26	MOU-2004	Right, Front Mount, Vine Chopper, 190 Tomato	1		
27	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
28	GF-1428	Grease Fitting 1/4" x 28 straight	2		
29	CPR-422-18	Lovejoy Donut W/ Hardware	1		
30	CPR-422C-18	Coupler, Shaker Side	1	30095001-	

31	CPR-422D-18	Coupler, Shaker, Motor Side, 1' Shaft	1	30095001-
32	ARM-2000	Arm, Outside Mount Support, Vine Chopper, 190	1	
33	ARM-2001	Arm, Support, Inside Tube, Vine Chopper, 190	1	
34	ARM-2002	Arm, Support, Outside Tube, Vine Chopper, 190	1	
35	ARM-2003	Arm, Inside Mount Support, Vine Chopper, 190	1	
38	LA-703	Large Rubber T Latch Assembly	2	
40	WT-17H	Heavy Duty Wire Tie 17.5'	30	
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1	
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1	
45	DC-1182	Decal, White 'PIK RITE' 3 1/4' x 23'	1	
46	DC-1184	Danger Decal, 3' x 16'	1	
47	BRA-0115	Stiffner Bracket, Vine Chopper, 190	2	
48	RLR-040-108	4' Flat Roller	2	Changed to Urethane in 2006
49	RLA-000-118	Standoff, 1/2' X 1 1/8'	2	
51	PL-2002	Plastic, Vine Chopper, Vine Chain, 190	1	
52	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1	
53	SHD-2023	Rolled, Vine Chopper Door, 190 Tomato Harvester	1	
54	BT-2013	Belting,Vine Chopper Door	2	BT-2013
55	BT-2009	Belting, Weed Turner, 190 Chopper w/Sep.	1	
56	ARM-2008	Arm, Belting Holder, Fan Intake Protector, 190	1	
57	BT-2008	Belting, Fan Intake Shield, 190 Chopper	1	
100	BL-12-LN	½" Lock Nuts w/Nylon Inserts	2	
101	BL-12-FW	½" Flat Washer	2	
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	18	
103	BL-6-SW	3/8 SAE FW ZC	40	
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	63	
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	76	
106	BL-8-175-H	1/2-13 X 1 ½ HEX CAP G5 ZC	6	
107	BL-8-SW	1/2 SAE FW ZC	31	
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	30	
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12	

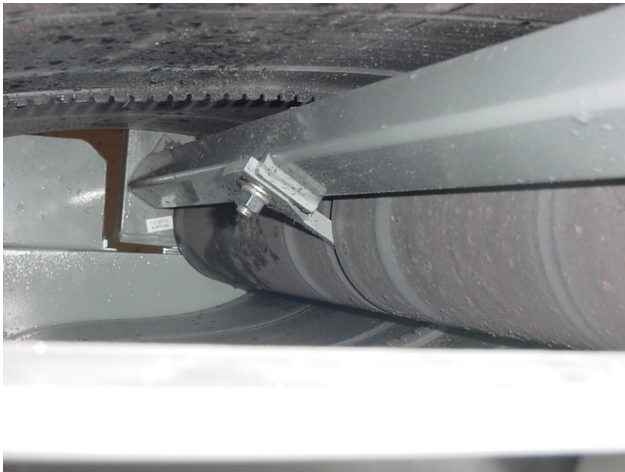
110	BL-8-LW	1/2 SPLIT LW ZC	14
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
112	BL-12-225-H	1/2-10 X 2 1/4' HH GR5 ZC	2
113	BL-12-LNS	1/2-10 Stover Lock Nut	27
114	BL-12-175-H-8	1/2-10 x 1-1/2' Grade 8 Hex Head	27
115	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	7
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4' Flat Washer Grade 8	126
118	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	40
119	BL-4-LN	1/4-20 HEX LN NE ZC	72
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	16
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	17
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	8
126	BL-16-LN	1' Lock Nuts w/ Nylon Inserts	1
127	BL-4-250-H	1/4-20 X 2 1/2 HEX CAP G5 ZC	2
128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	24
130	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	4
131	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2
600	A-1404-4-6	1/4' MP x 3/8' FPX	1
601	H6-564-6MP-8MP	3/8 in hose 3/8MP x 1/2MP x 564 in long	1
602	A-6901-12-8	12 SAE x 1/2' FPX 90°, Forged	2
603	HV-0110	Three Way Valve, Oil From Tractor, Vine Chopper	1
604	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2' w/ FPT	3
605	H10-504-8MP-8MP	5/8 in Hose 1/2MP x 1/2MP x 504 in long	2
606	A-6401-10-8	10 SAE x 1/2 MPT Male	1
607	A-6900-10-8	10 SAE x 1/2 FPX	2
608	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2
609	A-1603-8-8-8	Swivel T 1/2' NPTF	1

610	A-6901-6-6	6 SAE x 3/8" FPX 90°, Forged	1
611	H8-120-12MP-6MP	1/2 in Hose 1/2" MP x 3/8" MP x 120 in long	1
612	A-5404-12-12	Hex Nipple 1/2" x 1/2"	1
613	A-1603-12-12	Swivel T 1/2" NPTF	1
614	A-1501-8-8	1/2" MP x 1/2" FPX90°	1
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1

KIT-0154 A-Guide Sort Belt for 190 Tomato

Benefits:

- Under belt guide for aftersort table
- Prevents sort belt from moving side to side



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs.

Will Fit: All (2002 & later) 190 Tomato Harvesters

KIT-0154 A-Guide Belt For 190 Tomato, 2002 & Previous Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BRA-805	Bracket, Angle, Aftersort A-Guide Kit, 190 Tomato	4		
2	BRA-803	Bracket, A-Guide Cleaner Holder, 190 Tom.	2		
3	BRA-804	Bracket, Other Side A-Guide Cleaner Holder	2		
4	MOU-803	Mount, A-Guide Scraper Holder, 190 Tom.	2		
5	SCR-803	Scraper, A-Guide Groove, Aftersort	2		
6	RLR-1524	Drive Roller with 'A'Guide for Aftersort (Tomato)	1		
7	RLS-803	Roller Steel, Auger w/A-Guide, Aftersort, 190 Tom.	1		Replaces RLS-804. Must be installed so that augers run out from center.
8	BT-257V32L	Sort Belt w/A-Guide (laced) 257 x 32	1		
100	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	8		
101	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	4		
102	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	4		
103	BL-6-275-C	3/8 UNC X 2 1/2 CARRIAGE BOLT GR5 ZINC	2		
104	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	8		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	12		
106	BL-6-IW	3/8 SPLIT LW ZC	6		
107	BL-6-N	3/8-16 HEX NUTS ZC	6		
108	BL-6-SW	3/8 SAE FW ZC	14		
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	4		
110	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
111	BL-8-SW	1/2 SAE FW ZC	4		

KIT-0155 Vine Chopper for HC290 Tomato

Benefits:

-Reduces need for tillage



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 4-5 hrs. (must have forklift available)

Will Fit: All 290 Tomato Harvesters

KIT-0155 Vine Chopper for HC-290 Tomato Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0000	Manufacturing Labor	8		
0	SUP-2004	Support Tube Weld Plate, Vine Chopper, HC290	1		
1	SFT-2019	Flail Chopper Rotor,290	1		2006 to current
2	BRA-2018	Knife Holder, Vine Chopper, 290 Harvester	1		
3	KN-142141	Knife	8		
4	MOU-2005	Hefty Right Mount, Vine Chopper, HC290 Tomato	1		
5	MOU-2006	Hefty Left Mount, Vine Chopper, HC290 Tomato	1		
6	MOU-2016	Support Mount, Chopper, 290 Harvester	1		
7	PAN-2017	Panel, Vine Chopper, Right Side, HC290	1		
8	BAR-2020	Bar, Long Flail, Vine Chopper	36		
9	MOU-2010	Motor Mount, Vine Chopper, 190 Tomato Machine	1		
10	PAN-2006	Panel, Left Side Housing, Vine Chopper, HC290	1		
11	PAN-2007	Panel, Right Side Housing, Vine Chopper, HC290	1		
12	BAR-2013	Bar, Inside Plate, Vine Chopper, 190 Tomato	2		
13	SHD-2017	Chopper Back Panel, 290 Harvester	1		
14	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
15	SUP-2003	Support Tube, Vine Chopper, HC290 Tomato	1		
16	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
17	SHD-2009	Coupler Shield, Vine Chopper	2		
18	BR-175-085-KB	Fafnir Bearing 1 1/2" Heavy SS1	2		
19	BR-085-RAK	Bearing Housing 85 mm	2		
20	BAR-2016	Belting Bar, Vine Chopper, HC290 Tomato	2		
21	HM-122	Motor, Hydraulic, 1-1/2" Gear, #12 SAE Ports	1		
22	BT-2006	Belting, Chopper, 290 Tomato	1		
23	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
24	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
25	SUP-2002	Motor Mount Support, Vine Chopper	1		

26	MOU-2007	Bottom Left Mount, Vine Chopper, HC290 Tomato	1	
27	MOU-2008	Bottom Right Mount, Vine Chopper, HC290 Tomato	1	
29	BAR-2017	Bottom Bar, Vine Chopper, HC290 Tomato	2	
31	PAN-2018	Panel, Vine Chopper, Left Side, HC 290	1	
32	CPR-422-18	Lovejoy Donut W/ Hardware	1	
33	CPR-422C-18	Coupler, Shaker Side	1	30095001-
34	CPR-422D-18	Coupler, Shaker, Motor Side, 1' Shaft	1	30095001-
35	GF-1428	Grease Fitting 1/4" x 28 straight	2	
36	RLA-000-118	Standoff, 1/2" X 1 1/8"	2	
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1	
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1	
45	DC-1182	Decal, White 'PIK RITE' 3 1/4" x 23"	1	
46	DC-1184	Danger Decal, 3' x 16"	1	
47	SPA-2003	Spacer, Support Tube, 290 Tomato Harvester	3	SPA-2003
48	SHD-2012	Top Shield, 290 Vine Chopper	1	
49	SHD-8404	Shield, Access, Transfer, HC290 Tomato	1	
50	LA-1530	Medium Rubber T Latch Assembly	1	
51	MOU-2018	Chopper Shield Pivot, 290 Tomato	1	
52	MOU-2019	Shield Pivot, 290 Tomato	1	
53	SFT-2017	Pivot Shaft, 290 Tomato	1	
54	SHD-2016	Chopper Shield 290 Tomato	1	
55	PAN-2016	Panel, Vine Chopper, Left Side, HC290	1	
56	PAN-2019	Panel, Vine Chopper, Right Side, HC290	1	
58	DC-1175	Decal, Danger, Rotating Blade Hazard	2	
60	LA-703	Large Rubber T Latch Assembly	2	
101	BL-6-SW	3/8 SAE FW ZC	66	
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	60	
103	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	24	
104	BL-8-SW	1/2 SAE FW ZC	18	
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	20	
106	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2	

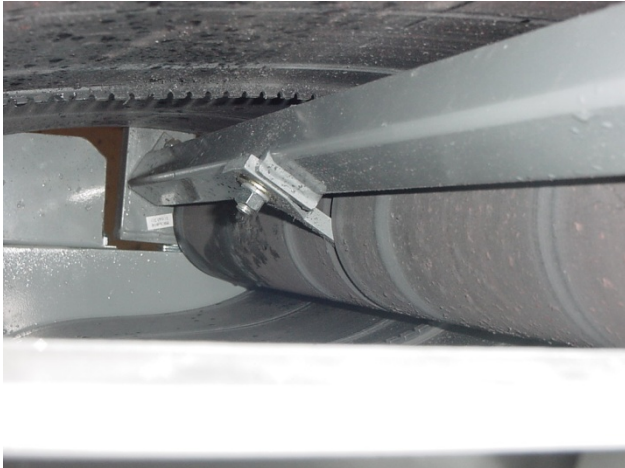
107	BL-4-LW	1/4 SPLIT LW ZC	8
108	BL-4-FW	1/4 USS FW ZC	42
109	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	21
111	BL-4-LN	1/4-20 HEX LN NE ZC	17
112	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	4
113	BL-6-075-H	3/8-16 X 1/2 HHCS G5 ZC	10
114	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	28
115	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	12
116	BL-8-FW	1/2 USS FW ZC	26
117	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
118	BL-8-LW	1/2 SPLIT LW ZC	4
119	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	4
120	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	2
121	BL-6-125-8	3/8-16 X 1 1/4 HH C/S GR8 ZC	12
122	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	36
123	BL-12-175-H-8	1/2-10 x 1-1/2" Grade 8 Hex Head	36
125	BL-12-LNS	1/2-10 Stover Lock Nut	36
126	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	8
127	RI-3-5-SS	SS Pop Rivets, 5/32 x .063-.125, Buttonhead	4
601	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	1
602	A-6900-12-12	12 SAE x 1/2" FPX	2
603	A-6901-12-12	12 SAE x 1/2" FPX 90°, Forged	2
604	H12-125-12MP-12MP	1/2 in hose 1/2 MP x 1/2 MP x 125 in long	2
605	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1
606	H6-PL-360	3/8"x 360' Long Casedrain Hose	1
607	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	1
608	A-4124-8-6	3/8 Male Pipe x 1/2 Push Loc	1
609	BL-6-10125-B7	3/8-16 x 10-1/8 B7 Threaded Rod	4
610	OR-220	O-Ring, 1/8" RH & 1 5/8" OD	1
800	WT-17H	Heavy Duty Wire Tie 17.5'	10
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1

802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1
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KIT-0156 A-Guide Aftersort w/ Table for 190 Tomato (2002 & previous)

Benefits:

-Includes new table



Price: \$

Availability: Special Order

Can Be Installed: Anytime (preferred off season)

Approx. Time Required to Install:

Will Fit: All (2002 & earlier) 190 Tomato Harvesters

KIT-0156 A-Guide Aftersort w/Table for 2002 & Prev. 190 Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	1.5384		
1	HAN-803	Handsort, Table for A-Guide Belts, 190 Tom	1		
2	193-800A	Sorting Table, Foldup	1	19301- KIT-0007	
3	SID-803	Side, Bar, Aftersort Table, 190 Tomato	2		
4	RLR-1524	Drive Roller with 'A'Guide for Aftersort (Tomato)	1		
5	RLS-803	Roller Steel, Auger w/A-Guide, Aftersort, 190 Tom.	1		Replaces RLS-804. Must be installed so that augers run out from center.
6	BRA-803	Bracket, A-Guide Cleaner Holder, 190 Tom.	2		
7	BRA-804	Bracket, Other Side A-Guide Cleaner Holder	2		
8	MOU-803	Mount, A-Guide Scraper Holder, 190 Tom.	2		
9	SCR-803	Scraper, A-Guide Groove, Aftersort	2		
10	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	4		
11	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	4		
12	COV-803	Cover, Flip up,Aftersort Table w/ A-Guide	1		
13	SHD-8001	Shield, Plastic, Inner Front Aftersort	1		
14	BAR-8001	Bar, Shield Holder, Inner Front Aftersort	1		
15	194-1418	Rubber Bumper	2	19401	
16	BT-257V32L	Sort Belt w/A-Guide (laced) 257 x 32	1		

KIT-0157 Gooseneck Hitch for 190 Tomato

Benefits:

- 3 pt mounted hitch w/ hydraulic pump and air compressor
- “Quick Hitch” system allows for better machine maneuverability and also maintains proper angle in the PTO driveline at all times
- Allows pump to run while turning on ends
- Improves reliability of hydraulic pump
- Able to get tractor away from the row you are harvesting in wet conditions



Price: \$

Availability: Special Order

Can Be Installed: Off season only

Approx. Time Required to Install: 16-20 hrs in our shop

Will Fit: All 190 Tomato Harvesters

KIT-0157 Gooseneck Hitch for 190 Tomato Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-0157	Mount, Weld on Tower, 190 Hitch Update	1		
2	FRM-4100-A1	Right Tube Mount	2	FRM-4100	
3	FRM-4100-J	Front Bottom Plate	1	FRM-4100	
4	FRM-4100-W	Left Tube Mount	2	FRM-4100	
5	FRM-4100-B1	Tower Tab	2	FRM-4100	
6	SUP-0157	Support, Jack Handle Ext., 190 Hitch Update	1		
7	BAR-0157-A	Bar, Weld on Plate, 190 Hitch Update	1		
8	BU-2P01	Bushing, Arm, Gooseneck, Main Frame	1		
9	MOU-2P01	Pin, Mount, Gooseneck Hitch	1		
10	SUP-0016	Support, Hose, Hydraulic Hose, Tongue, Rear	1		
11	BT-0018	Belting, Hose Holder, Hitch Arm, 2-Point Hitch	1		
13	SFT-125-100-B	Universal Joint Kit with Needle Bearings	1		
14	SFT-125-100-D	H7 End Yoke, 1'	2		
15	HC-250-1208	Tie Rod Cylinder, Standard 2 1/2' x 12'	1		Seal Kit Part No. HC-250-1208-SK (PMCK-B200000)
16	ARM-2P01	Arm, Gooseneck Hitch, Machine Connection	1		May require modification to PIN-2P01 when installing on 40001001-40002003 or on 10002005.
17	BAR-8213	Bar, Spacer, Back Top, Hitch/Tongue, HC290	1		
18	BAR-8214	Bar, Spacer, Back, Bottom, Hitch/Tongue	1	BAR-8214	
19	SUP-8210	Support, Rear Swivel Plate, Gooseneck Hitch	1		
20	SUP-0009	Support, Hose Holder, Gooseneck Hitch, 190 Tom	1		
21	SFT-8210	Shaft, Hose Holder, 190 Frame	1		
22	SPA-8213	Spacer, Back, Hitch Support	3		
23	BAR-8215	Bar, Spacer, Front Top, Hitch/Tongue, HC290	1		
24	BAR-8216	Bar, Spacer, Front Middle, Hitch/Tongue	1		
25	BAR-8217	Bar, Spacer, Front Bottom, Hitch/Tongue	1		
26	PIN-2P01	Pin, Gooseneck Hitch Pivot, Top of Tractor	1		Will require modification to ARM-2P01 when installing on 40001001-40002003 or on 10002005.
27	POS-8110	Post, Pivot Holder, Tongue	1		

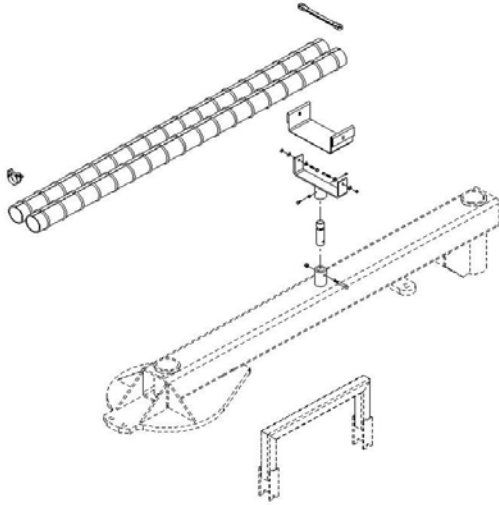
28	SFT-2P01	Shaft, Gooseneck Hitch Pivot, Swivel	1	
29	SUP-8110	Support, Pivoting Hose Holder, Tongue	2	
30	BT-8110	Belting, Hose Holder, Gooseneck	3	
31	FRM-2P04	Frame, 190 Gooseneck Hitch Mount	1	
33	SUP-2P01	Support, hydraulic Pump, Bottom Arms	1	
34	BT-1402	Belting on Gooseneck Hitch Mount	1	
35	PIN-003P	Pin, Quick Hitch & Tomato	2	
36	SPA-1510	Spacer, Air Filter Mount, 2-Point Hitch, Tom.	1	
37	PTS-4001	1- $\frac{1}{2}$ 20-spline x Overhung LA, 2-Point Hitch	1	IH MX Series Quick Hitch On Ford New Hol. Quick Hitch Off JD 7000 & 8000 both Hitch configs Case IH above 160 HP Quick H on Case IH Under 159 HP Both Hitch configs
38	GF-1428	Grease Fitting 1/4" x 28 straight	8	
39	WT-17H	Heavy Duty Wire Tie 17.5'	20	
40	GF-1827-45	Grease Fitting 1/8 NPT 45°	5	
41	STRP-1050	10' Tarp Straps	4	
42	CL-375	3' Hose Clamp, Heavy Duty T-Bar, 3.375-3.75'	4	
43	HOS-3-4-72SP	Hose 3', Suction Line Cover Clear, 190 Tomato	2	
100	BL-12-450-8	$\frac{1}{2}$ " x 4 1/2", HH C/S G8 ZC	4	
101	BL-12-LW	$\frac{1}{2}$ " Lock Washer	4	
102	BL-12-FW	$\frac{1}{2}$ " Flat Washer	8	
103	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	2	
104	BL-6-LW	3/8 SPLIT LW ZC	2	
105	BL-8-100-H	1/2-13 X 1 HEX CAP G5 ZC	2	
106	BL-8-LW	1/2 SPLIT LW ZC	2	
107	BL-4-150-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	8	
108	BL-4-FW	1/4 USS FW ZC	12	
109	BL-4-N	1/4-20 HEX FIN NUTS ZC	9	
110	BL-4-075-H	1/4 UNC X $\frac{1}{2}$ " HH C/S BOLT GR5 ZINC	2	
111	BL-12-550-H	$\frac{1}{2}$ -10 X 5 1/2 HH GR5 ZC	3	
112	BL-12-LN-8	$\frac{1}{2}$ " Lock Nuts w/ Nylon Inserts, Grade 8	5	

113	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	4	
114	BL-4-LN	1/4-20 HEX LN NE ZC	9	
115	BL-24-FW	1 1/2' Flat Washer, Zinc	14	
116	BL-1224-125-DT	12-24 x 1 1/4' Drill and Tap Screw	4	
117	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	3	
118	BL-6-SW	3/8 SAE FW ZC	5	
119	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6	
120	BL-6-275-H	3/8-16 X 2 1/2 HEX CAP G5 ZC	1	
121	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	2	
122	BL-8-SW-8	1/2 SAE FW G8 ZC	4	
123	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	2	
124	BL-20-300-H	1 1/4' x 3' Gr 5 HH Bolt Zinc Coated	2	
125	BL-20-N	1 1/4' Nut	2	
126	BL-4-FW-8	1/4' Flat Washer Grade 8	4	
600	A-1405-8-8	1/2' NPT Coupler W/Swivel	2	
601	A-4456-32-32	Flange Nipple, 2' 45°	2	
602	H10-96-8MP-12MJ	5/8 in hose 1/2MP x 1/2MJIC x 96 in long	1	
603	H12-174-12MP-16MJ	1/2 in hose 1/2MP-1MJIC x 174 in long	2	
604	H10-180-8MP-12MJ	5/8 in hose 1/2MP X 1/2MJIC 180 in long	2	
605	H10-184-8MP-8MP	5/8 in hose 1/2MP X 1/2MP x184 in long	1	
606	H10-195-8MP-8MP	5/8 in hose 1/2MP X 1/2MP x 195 in long	1	
607	H8-72-8MP-8MP	1/2 in. hose 72 in. 1/2 x 1/2	2	
608	H32-163	2' Suction Hose, To Back Pump	1	
609	H32-90	2' Suction Hose, From Tank to Gate Valve	2	
610	HV-GV-200	2' Brass Gate Valve	2	
611	ELC-0013	6 Foot Control Box Cord Ext. 2000 Chili	1	
612	AIR-N4	1/4"Nylon Tubing @ ft., Black	15	assembly personnel will monitor inventory
613	CL-225	2 1/4' T-Bolt Clamp	8	
614	A-4444-32-32	2' Male Pipe Hose Barb	4	
615	H32-171	2' Suction Hose, To Front Pump	1	

KIT-0163 Swivel Hose Holder Update Kit

Benefits:

- Hydraulic Hose Holder for Gooseneck Hitch
- Keeps hydraulic hoses secure and free from pinch points



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1 hr. (welding req'd)

Will Fit: All 190 Tomato Harvesters w/ Gooseneck Hitch

KIT-0163 Kit, Swivel Hose Holder Update, 190 Hitch Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BT-0056	Belting, Hose Wrap, Tomato	2		
0	BT-0057	Belting, Suction Hose Wrap	1		
0	SUP-0009	Support, Hose Holder, Gooseneck Hitch, 190 Tom	1		
0	POS-8110	Post, Pivot Holder, Tongue	1		
1	ARM-2P01-H	Holder	1	ARM-2P01	
2	BT-8110	Belting, Hose Holder, Gooseneck	3		
3	CL-375	3' Hose Clamp, Heavy Duty T-Bar, 3.375-3.75'	4		
4	GF-1428	Grease Fitting 1/4" x 28 straight	2		
5	HOS-3-4-72SP	Hose 3', Suction Line Cover Clear, 190 Tomato	2		
7	SFT-8210	Shaft, Hose Holder, 190 Frame	1		
8	STRP-1050	10' Tarp Straps	1		
9	SUP-8110	Support, Pivoting Hose Holder, Tongue	2		
10	WT-17H	Heavy Duty Wire Tie 17.5'	30		
101	BL-4-150-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	6		
102	BL-4-FW	1/4 USS FW ZC	12		
103	BL-4-N	1/4-20 HEX FIN NUTS ZC	9		
104	BL-6-275-H	3/8-16 X 2 1/2 HEX CAP G5 ZC	1		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	1		
106	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	1		

KIT-0166 Remote Control for Discharge Elevator, 190 & 290 Tomato

Benefits:

-Less stress on machine operator



Price: \$

Availability: Special Order

Can Be Installed: Off season

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 & 290 Tomato Harvesters equipped w/ Electric over Hydraulic Valves

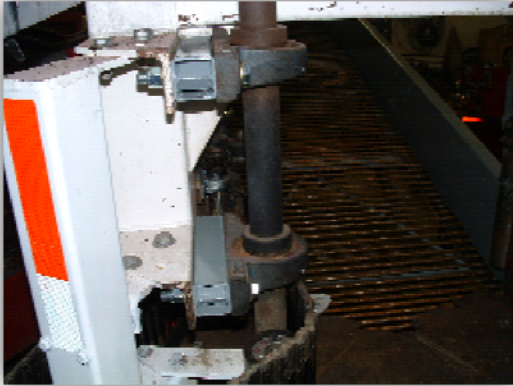
KIT-0166 Remote Discharge Control w/ Three Transmitters Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	RVC500F-A	Transmitter	3		
0	RVC500F-PR-wenc	Remote Control Unit for Harvester Discharge Complete	1		

KIT-0172 2" Disk Shaft Spacer for 190 Tomato

Benefits:

- Moves disk shaft in 1" on each side. Makes the "V" at front of disk blades smaller. Tomatoes are not lost at this point and less dirt is taken into machine. Does not reduce width of cut.
- Reduces tomato loss at "V" on the front and back sides of the blades
- Allows for shallower running of blades



After Installation
5" V



Before Installation
7" V



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1 hr.

Will Fit: All 190 Tomato Harvesters

KIT-0172 2' Disk Shaft Spacer, 190 Tomato Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BRA-0090	Bracket, 2' Disk Shaft Spacer, 190 Tomato	4		Use to move disks closer together Previously used 192-131S 1'
101	BL-8-475-H	1/2-13 X 4 1/2 HEX CAP G5 ZC	4		
102	BL-8-N	1/2-13 HEX FIN NUTS ZC	4		
103	BL-10-500-H	5/8-11 X 5 HEX CAP G5 ZC	4		
104	BL-10-N	5/8-11 HEX FIN NUTS ZC	4		

KIT-0174 Vine Chopper for 190 Tomato w/ No Extension

Benefits:

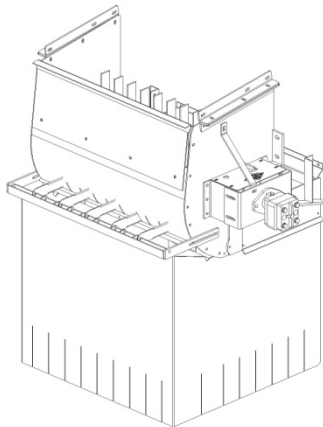
- Powered by **harvester's** hydraulic system
- Machines can have **NO** additional add-ons to hydraulic system

*Please call if you are not sure if
this will work on your harvester*

KIT-0175 Vine Chopper for 190 Tomato w/ No Extension

Benefits:

- Powered by **tractor's** hydraulic system
- Cuts vines into 4-8 inch pieces



Price: **KIT-0174:** \$ **KIT-0175:** \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs. (must have forklift available)

Will Fit: Any 190 Tomato Harvester

|

KIT-0174 Vine Chopper for 190 w/o Sep. Ext.Plumb to Mach. Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0500	Assembly Area	4.67		
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	KN-142141	Knife	5		
4	BAR-2020	Bar, Long Flail, Vine Chopper	27		
6	PAN-2010	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
7	PAN-2011	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
8	SHD-2019	Shield, Back Panel, 190 Vine Chopper	1		
9	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
11	BR-175-085-KB	Fafnir Bearing 1 1/2" Heavy SS1	2		
12	BR-085-RAK	Bearing Housing 85 mm	2		
13	BAR-2018	Bar, Vine Chopper, 190 Tomato Machine	2		
14	HM-122	Motor, Hydraulic, 1-1/2" Gear, #12 SAE Ports	1		
15	BT-2010	Vine Chopper, Belting 190, Post 2005	1		
16	MOU-2015	Motor Mount, 190 Vine Chopper	1		
17	SHD-2015	Expanded Metal, Sheild, 190 Vine Chopper	2		
18	SUP-2002	Motor Mount Support, Vine Chopper	1		
19	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
20	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
21	GF-1428	Grease Fitting 1/4" x 28 straight	2		
22	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
23	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-	
24	CPR-422-18	Lovejoy Donut W/ Hardware	1		
25	SHD-2014	Back Sheild, Vine Chopper, 190	1		
26	BRA-2010	Top LH Bent, Vine Chopper, 190 Tomato Machine	1		
27	BRA-2011	Top, LH Sd Bent, Vine Chopper, 190 Tomato	1		
28	BRA-2012	Top RH Bent, Vine Chopper, 190 Tomato	1		
29	BRA-2013	Top RH Sd Bent, Vine Chopper, 190 Tomato	1		

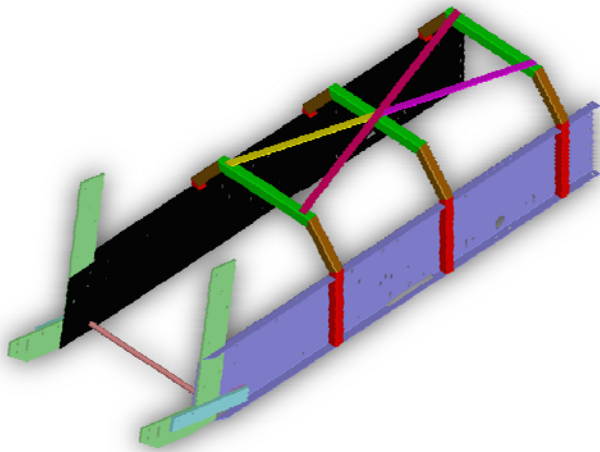
30	PL-2001	Plastic, Vine Chopper, 190 Tomato Machine	1
31	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1
33	WT-17H	Heavy Duty Wire Tie 17.5'	15
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1
45	DC-1182	Decal, White 'PIK RITE' 3 1/4' x 23'	1
46	DC-1184	Danger Decal, 3' x 16'	1
47	BRA-0114	Stiffener Bracket, Vine Chopper, 190	2
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	20
103	BL-6-SW	3/8 SAE FW ZC	36
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	30
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	45
106	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	6
107	BL-8-SW	1/2 SAE FW ZC	31
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	22
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	8
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
115	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4" Flat Washer Grade 8	46
118	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	9
119	BL-4-LN	1/4-20 HEX LN NE ZC	23
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	6
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	10
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2
128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	14
129	BL-12-175-H-8	1/2-10 x 1-1/2" Grade 8 Hex Head	27

130	BL-12-LNS	1/2"-10 Stover Lock Nut	27	
600	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1	
601	A-1405-8-8	1/2" NPT Coupler W/Swivel	1	
602	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2	
603	A-6408-10	10 SAE Plug	1	
604	A-6901-10-8	10 SAE x 1/2" FPX90°, Forged	2	
605	ATB-06-06-06	3/8" x 3/8" x 3/8" Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
606	A-6401-10-8	10 SAE x 1/2" MPT Male	2	
607	A-1603-8-8-8	Swivel T 1/2" NPTF	2	
608	HV-FL30	Flow Control Valve 30GPM	1	
609	H12-91-12MP-8MP	1/2" Hose 1/2"MP x 1/2"MP x 91 in Long	1	
610	CL-10	Single Snap Grip Clamp for 3/8" Push Loc Hose	3	Use with ATB-06-06-06
611	H10-120-8MP-8MP	5/8 in hose 1/2"MP x 1/2"MP x 120 in long	2	
612	H12-36-8MP-12MP	1/2 in hose 1/2"MP x 1/2"MP x 36 in long	2	
613	H6-PL-65	3/8" Push-Loc Hose 65'	1	
614	A-5404-8-12	Hex Nipple 1/2" x 1/2"	2	
615	A-1405-12-12	1/2" NPT coupler w/swivel	2	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

KIT-0177 Header – No Cross Member for 190 Tomato

Benefits:

-Reduces mud and/or trash buildup in header chain



Price: \$

Availability: Special Order

Can Be Installed: Off season

Approx. Time Required to Install: 8-10 hrs.

Will Fit: All (1995 & later) 190 Tomato Harvesters

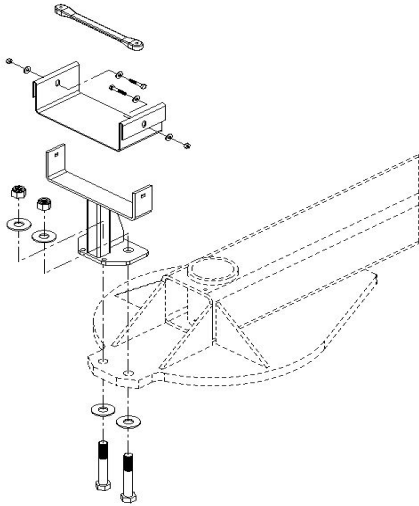
KIT-0177 Overhead Crossmember Header 190 Tomato Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-102	Over Top Cross Member Header 190 Tomato	1		
2	MOU-1351	Mount,Brace,Overhead Cross Member Header,190	1		
3	BRA-0110	Bracket, Hose Holder	3		
100	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	20		
101	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	4		
102	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4		
103	BL-6-450-H	3/8 x 4 1/2 HEX BOLT	2		
104	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	32		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
106	BL-6-LW	3/8 SPLIT LW ZC	28		
107	BL-6-N	3/8-16 HEX NUTS ZC	28		
108	BL-6-SW	3/8 SAE FW ZC	2		
109	BL-8-150-C	1/2 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	13		
110	BL-8-200-C	1/2-13 x 2 CARRIAGE BOLT GR5 ZINC	4		
111	BL-8-225-C	1/2 UNC X 2 1/4 CARRIAGE BOLT GR5 ZINC	4		
112	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
113	BL-8-LW	1/2 SPLIT LW ZC	21		
114	BL-8-N	1/2-13 HEX FIN NUTS ZC	21		
115	BL-8-SW	1/2 SAE FW ZC	17		
116	BL-8-SW-8	1/2 SAE FW G8 ZC	8		
117	BL-6-500-H	3/8-16 X 5 HEX CAP GR5 ZC	2		
118	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	4		

KIT-0178 Hose Holder Update Kit for Gooseneck Hitch for 190 Tomato

Benefits:

-Helps to protect the hose



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1/2 hr.

Will Fit: All 190 Tomato Harvesters

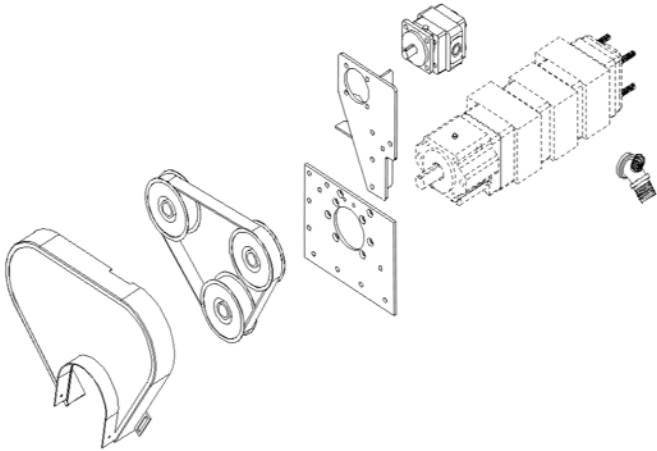
KIT-0178 Hose Holder Update for 190 Gooseneck Hitch Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SUP-0009	Support, Hose Holder, Gooseneck Hitch, 190 Tom	1		
2	BT-8110	Belting, Hose Holder, Gooseneck	1		
3	STRP-1050	10' Tarp Straps	1		
100	BL-12-500-8	1/2" x 5, HH C/S G8 ZC	2		
101	BL-12-FW-8	1/2" Grade 8 Flat Washer	4		
102	BL-4-150-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	2		
103	BL-4-FW-8	1/4" Flat Washer Grade 8	4		
104	BL-4-N	1/4-20 HEX FIN NUTS ZC	2		
105	BL-12-LN-8	1/2" Lock Nuts w/ Nylon Inserts, Grade 8	2		

KIT-0186 Pony Pump for Vine Chopper for 190 Tomato

Benefits:

-Runs Vine Chopper with system hydraulics. Does not require high flow from tractor



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 7 hrs.

Will Fit: All 190 Tomato Harvesters w/out Gooseneck Hitch

KIT-0186 Pony Pump, 190 Harvester(MGU) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2		
	BL-4-FW-8	1/4" Flat Washer Grade 8	8		
	BL-4-LN	1/4-20 HEX LN NE ZC	2		
	H10-215-8MP-12MP	5/8 Hose x 1/2MP x 3/4 MP x 215 Long	1		
	H10-44-8MP-8MP	5/8 in Hose 1/2mp x 1/2MP x 44in Long	2		
	H10-460-8MP-8MP	5/8in Hose x 1/2MP x 1/2MP x 460in Long	1		
1	SHD-0137	Pony Pump Shield	1	SHD-0137	
2	MOU-0111	Mount, Pump Pony, 190 Tomato	1		
4	HP-2100-150-1	Hydraulic Pump	1		At 1800 RPM, 21.5 GPM @ 2000 PSI At 1200 RPM, 14 GPM @ 2000 PSI
5	PU-64-8M-30-2517	HTD Pulley	1		
6	PU-64-8M-30-2517BO	Pulley, Bored Out	1		
7	BT-1440-8M-30	HTD Belt 1440mm	1		
8	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
9	PU-2517-24-6BO	Taper Lock, Bored Out, Pony Pump	1		
10	PU-2012-16	Taperloc Bushing - 1" Bore	1		
11	PU-2517-14-4	TaperLoc Bushing 7/8" Bore 1/4" Key	1		
12	PU-42-8M-30-2012	HTD Pulley	1		
13	PIN-4-16-C	1/4" x 1" Coil Pin	1		
100	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4		
101	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	4		
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
106	WT-17H	Heavy Duty Wire Tie 17.5"	30		
107	BL-8-SW-8	1/2 SAE FW G8 ZC	16		
108	BL-6-175-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	1		
109	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	1		
110	BL-6-LW	3/8 SPLIT LW ZC	1		
111	BL-6-N	3/8-16 HEX NUTS ZC	1		

601	A-1603-8-8-8	Swivel T 1/2' NPTF	1	
602	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1	
603	H20-S	1 1/4' Suction Hose @ft	7	
604	A-6806-10-8	10 SAE x 1/2' MP 90°	1	
605	AN-32-HS	2' NPT, Combination Nipple/Hose Shank, 2' ID Hose	2	
606	A-5404-12-12	Hex Nipple 1/2" x 1/2"	1	
607	A-6901-10-8	10 SAE x 1/2' FPX90°, Forged	1	
608	A-6901-12-8	12 SAE x 1/2' FPX 90°, Forged	2	
609	A-1603-12-12	Swivel T 1/2" NPTF	1	
610	A-6902-10-8	10 SAE X 1/2' FPX 45°	1	
611	ATB-06-06-06	3/8" x 3/8" x 3/8" Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
612	H6-PL-140	3/8" Push Loc Hose 140'	1	
616	A-4644-20-20	1 1/4' Hose Barb x 20 SAE Male Straight	1	
617	AN-20-HS	1 1/4" NPT, Combination Nipple/Hose Shank, 1 1/4' ID Hose, Plated	1	
618	ASL-20	1 1/4' Street Elbow	1	
619	AT-32-32-20	2 x 2 x 1-1/4 FPT Black Malleable Tee	1	
620	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	1	
621	CL-10	Single Snap Grip Clamp for 3/8" Push Loc Hose	3	Use with ATB-06-06-06
622	CL-125	1 1/4" Hose Clamp, Heavy Duty T-Bar, 1.5625"-1.875"	2	
623	CL-225	2 1/4" T-Bolt Clamp	2	
624	A-6900-12-8	12 SAE x 1/2' FPX	1	

KIT-0189 Double Pump for 190 Tomato w/ Gooseneck Hitch

Benefits:

-More oil availability, lower pump pressures, allows more options to be installed



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 15 hrs.

Will Fit: All 190 Tomato Harvesters w/ Gooseneck Hitch

KIT-0189 Double Pump for 190's w/Gooseneck Hitch Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	2.3076		
0	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1		
0	AN-32-40-HS	2' NPTx 2x' ID Hose, Combination Nipple/Hose Shank	4		
0	A-6900-10-8	10 SAE x 1/2 FPX	2		
0	A-6900-12-12	12 SAE x 1/2' FPX	4		
0	A-6900-12-8	12 SAE x 1/2' FPX	2		
0	A-6901-10-8	10 SAE x 1/2 FPX90–, Forged	2		
0	A-6901-12-12	12 SAE x 1/2' FPX 90–, Forged	2		
0	A-6901-12-12-4PT	12 SAE x 1/2' FPX 90 W/1/4' port, Forged	2		
0	AC-32	2' NPT Coupler, Steel Only	2		
0	AN-24-18	1 1/2' Black Nipple 18' long	1		
0	GF-1827	Grease Fitting 1/8 NPT Straight	6		
0	HOS-3-4-72SP	Hose 3', Suction Line Cover Clear, 190 Tomato	2		
0	HP-630	Synthetic Gear & Bearing Oil @ Qt.	3.5		
0	H6-PL	Push Loc Hose 3/8' @ ft. (Gray)	30		
0	HA-1004-T	Test Point Plug, 1/4' NPT	2		
0	BT-3100	Belting, PTO Shield, Compressorless	1	30095001-KIT-800	Used ONLY on machines with no air compressor
0	CL-10	Single Snap Grip Clamp for 3/8' Push Loc Hose	3		Use with ATB-06-06-06
0	FRM-0015	Frame, Mount, Gooseneck Hitch, 190 Tomato	1		
0	H10-203-8MP-8MP	5/8 in hose 1/2MP X 1/2MP X 203 in long	2		
0	H10-60-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 60 in long	1		
0	H12-180-8MP-8MP	1/2" hose 1/2MP x 1/2MP x 180' long	1		
0	H12-96-12MP-12MP	1/2 in hose 1/2mp x 1/2mp x 96 in long	1		
1	MOU-1017	Oil Cooler Mount, Double Cooler, 190 Tomato	2		
2	mou-0022	Mount, Weight Motor, Shakers, Harvesters	1		Replaces 110-515
3	BAR-1006	Top Gusset, Dbl Pump, Gooseneck Hitch, 190	2		
4	BAR-1007	Bottom Gusset, Dbl Pump, Gooseneck Hitch, 190	2		
5	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	4		

6	BL-4-LN	1/4-20 HEX LN NE ZC	12		
8	BRA-1008	Bracket, Double Pump, Gooseneck Hitch, 190	1		
9	BT-1280-8M-30	Primary Weight Drive Belt	1	19101	Can not replace with BT-390H100 belts unless all the pulleys are changed.
10	CL-200-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	4	1 1/2'	Suction Hose
11	CL-249-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	4	2 1/2'	Suction Hose
12	CL-375	3' Hose Clamp, Heavy Duty T-Bar, 3.375-3.75'	4		
13	EL-1258	Goose Neck Hitch Machine Power Cord	1		
14	ELC-4000	Control Box Power Cord	1		
15	FRM-1006	Frame, Double Pump, Gooseneck Hitch, 190	1		
16	GBX-252	Two Pad Gearbox for double pump	1		Use only HP-630 Oil 3.5 Quart
17	HA-1016	Hydraulic Oil Cooler Radiator w/o Mounting Kit & w/ SAE24 Ports	1		Replaces HA-1015
18	HA-1023-Z	Double Filter Head, Side by Side	1		
19	HA-1029	Hydraulic Fluid Filter, 11'	2		
20	HA-5070	Hydraulic Tank Cover w/Gasket	1	19501-30095001-	
21	HA-5070D	Tank Cover Holddown	1	19501-30095001-	
22	HM-122	Motor, Hydraulic, 1-1/2" Gear, #12 SAE Ports	1		
23	HP-257-P18	Hydraulic Pump	1		
24	HV-RV-1H	Relief valve w/ SAE #12 ports	2		
25	PTS-4001B	Extended Lube Cross & Bearing Kit	1	Walterscheid Yokes	Replaces PTS-1002B
26	PTS-8100-A	1-3/8 x 6-spline, Clamp Type	1		
27	PU-2517-14-4	TaperLoc Bushing 7/8" Bore 1/4" Key	1		
28	PU-2517-16-4	TaperLoc Bushing 1" bore 1/4" key	1		
29	PU-64-8M-30-2517	HTD Pulley	2		
30	RS-100	Rubber Oil Cooler Damper, .500 x 1.75 x 35.5	2	19401-	
31	SHD-1006	Shield, Double Pump, Gooseneck Hitch, 190	1		
32	WT-17H	Heavy Duty Wire Tie 17.5'	20		
33	HP-257-P19	Hydraulic Pump	1	11003004, 10007001	
100	BL-10-300-H8	5/8-11 X 3 HEX CAP G8	2		
101	BL-10-LW	5/8 SPLIT LW ZC	12		
102	BL-10-SW-8	5/8 S.A.E. FLAT WASHERS	42		

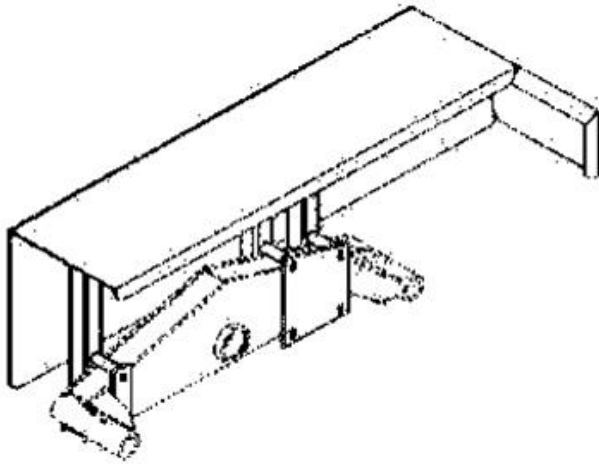
103	BL-12-600-8	½-10 x 6, HH C/S G8 ZC	3	
104	BL-12-LN-8	½" Lock Nuts w/ Nylon Inserts, Grade 8	3	
105	BL-20-300-H	1 1/4' x 3' Gr 5 HH Bolt Zinc Coated	4	
106	BL-20-N	1 1/4' Nut	4	
107	BL-24-FW	1 1/2' Flat Washer, Zinc	14	
108	BL-4-075-H	1/4 UNC X ½ HH C/S BOLT GR5 ZINC	3	
109	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	2	
110	BL-4-FW	1/4 USS FW ZC	14	
111	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	22	
112	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8	
113	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	16	
114	BL-8-SW-8	1/2 SAE FW G8 ZC	24	
115	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	8	
601	A-4459-40-32	Flange Nipple, 2-1/2' barb x 2 flange' 90°	2	
602	A-4601-24-24	1 1/2 x 24 SAE 90° Male O-Ring Beaded Insert	1	
603	AN-24-CL	1 1/2' Black (Nipple Close)	1	
604	A-SFK-32	2' Split Flange Kit	2	
605	A-ST-20	1 1/2 NPT to 1 1/2 Hose Barb Adapter	1	
606	A-WF-24-10-3	24 SAE Male O-Ring w/ (3) #10 SAE Ports	1	
607	H10-180-8MP-12MJ	5/8 in hose 1/2MP X ½MJIC 180 in long	2	
608	H10-96-8MP-12MJ	5/8 in hose 1/2MP x ½MJIC x 96 in long	1	
609	H12-174-12MP-16MJ	½ in hose ½MP-1MJIC x 174 in long	2	
610	H24-S-252	1-1/2' Suction Hose 252' long	1	
611	H40-S-270	2-1/2' Suction Hose 270' long	2	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	
1	SHD-0121	Fender, Header Side Rocker, 190 Harvester	1	
2	SPA-0059	Spacer, Fender, 190 Tomato Harvester	6	SPA-0059
3	BAR-0110	Sandwich Plate, 190 Tomato Harvester	1	
4	BAR-0109	Sandwich Plate, 190 Tomato Harvester	1	

101	BL-8-800-H	1/2 x 8 HEX CAP G5 ZC	6
102	BL-8-FW	1/2 USS FW ZC	12
103	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6
1	STD-8403	Header Side Ladder, Shaker Chamber	1
100	BL-6-175-H	3/8-16 X 1 1/2 HHCS G5 ZC	6
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	12
102	BL-6-FW	3/8 USS FW ZC	24

KIT-0190 Tandem Flotation Fender Kit for 190 Tomato

Benefits:

-Protects tire sidewall



Price: \$

Availability: Special order

Can Be Installed: Anytime

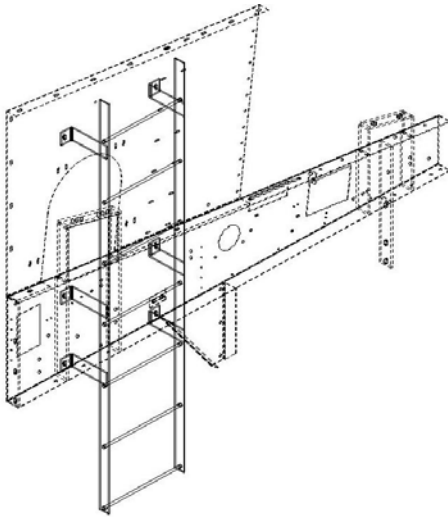
Approx. Time Required to Install: 2½ hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0191 Shaker Chamber Ladder for 190 Tomato

Benefits:

-Serviceability



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs. (some welding may be req'd)

Will Fit: All 190 Tomato Harvesters

KIT-0192 Raised Cross Conveyor Cover Kit for 190 Tomato

Benefits:

-Heavier panel and larger fan exhaust



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

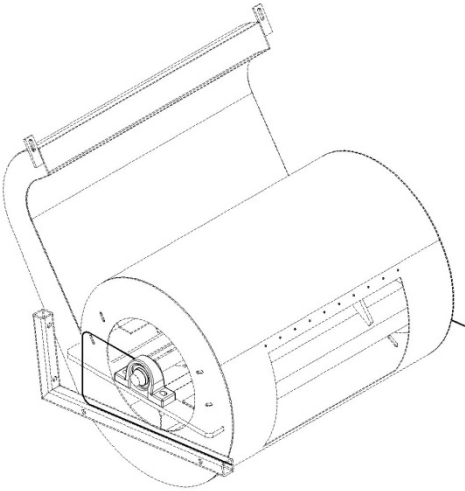
KIT-0192 Raised Cross Conveyor Cover Kit, 190 Tomato Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHD-0143	Cover, Air Deflector, 190 Tomato	1		
2	LA-703	Large Rubber T Latch Assembly	2		
100	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	6		
101	BL-6-FW	3/8 USS FW ZC	12		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6		
103	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	4		

KIT-0193 Grease Bearings for Debris Fan Kit for 190 Tomato

Benefits:

-Heavier duty bearings and easier to grease



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

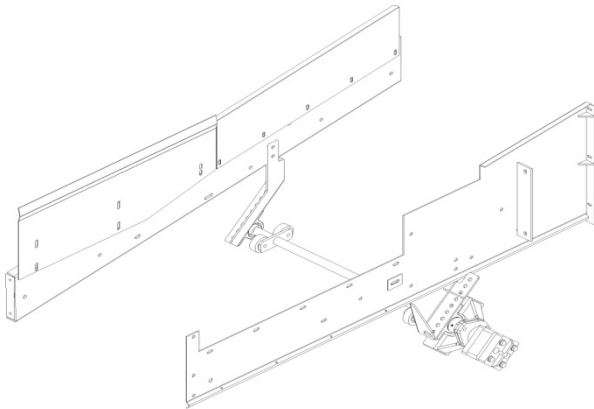
KIT-0193 190 Fan Update, 72mm Greaseable Bearings w/Hoses Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BR-072-RAK	72mm Cast Housing	2		
2	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
3	GFA-310912	1/4"-28 45° Adapter	2		
4	H2-30-2MP-2MP	1/8 in Hose x 1/8MP x 1/8MP x 30in Long	2		
5	AC-2	1/8" NPT Coupler	2		
6	GF-1827	Grease Fitting 1/8 NPT Straight	2		
7	BL-1224-125-DT	12-24 x 1 1/4" Drill and Tap Screw	2		
8	HA-1031	Hydraulic Hose Holder 3/8	2		
100	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	4		
101	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
102	BL-8-FW	1/2 USS FW ZC	8		

KIT-0194 Cross Vibrator Kit for Bottom Side of Chain for 190 Tomato

Benefits:

-Heavier duty bearings and easier to grease



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0194 190 Cross Vibrator Kit for Bot. Side of Chain Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-0107	Dirt Vibrator Cross Conveyor Mount, 290	1		
2	MOU-0108	Cross Conveyor Dirt Vibrator Mount, 290 Harvester	1	MOU-0108	
4	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1' shaft
5	MOU-0165	Motor Mount, Stop, Cross Vibrator	1		
6	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
7	BR-062-RAK	62mm Cast Housing	2		
8	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
9	192-136	Vibrator shaft	1	19201-	
10	RLT-027-108	Roller 2.75' dia. 1/2' Bore	4		2755C1X (Old Number, Single Bearing)
11	KEY-4-4-16	Shaft Key 1/4' X 1/4' X 1' Square Cut (1018)	1	20095001-	
12	CPJ-6055	Coupler, L100, Urethane Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
13	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore x 1/4' Key	1	19101	Sub 194-6053 Exept on Debris Fan
14	MOU-0167	Mount, Motor Cross Vibrator	1		
15	MOU-0175	Mount, Cross Vibrator 190	1		
100	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	5		
101	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4		
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	13		
103	BL-8-FW	1/2 USS FW ZC	18		
104	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	4		
600	HV-FL30	Flow Control Valve 30GPM	1		
601	A-6901-10-8	10 SAE x 1/2 FPX90-, Forged	1		
602	A-6901-10-12	10 SAE x 1/2 FPX90-, Forged	3		
603	A-6900-10-8	10 SAE x 1/2 FPX	2		
604	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
605	A-1603-8-8-8	Swivel T 1/2' NPTF	1		
606	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2		
607	H12-76-12MP-8MP	1/2 in hose 1/2MP x 1/2MP x 76 in long	1		
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		

802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1
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KIT-0195 Grease Hoses for Header Drive Shaft Bearings

Benefits:

-Easier lubrication



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0195 Grease Hoses For Header Drive Shaft Bearings Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	GFA-51943	1/4"-28 90° Adapter	2		
2	H2-12-2MP-2MP	1/8in Grease Hose x 1/8MP x 1/8MP x 12in Long	2		
3	AC-2	1/8" NPT Coupler	2		
4	GF-1827	Grease Fitting 1/8 NPT Straight	2		
5	HA-1031	Hydraulic Hose Holder 3/8	2		
6	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	2		

KIT-0196 Decking Above Debris Belt for 290 Tomato

Benefits:

-Serviceability



Price: \$

Availability: Special order

Can Be Installed: Off season

Approx. Time Required to Install: 5 hrs.

Will Fit: All 290 Tomato Harvesters

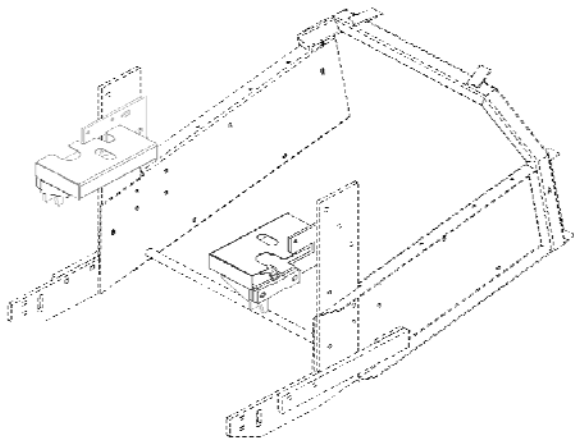
KIT-0196 290 Decking Above Debris Belt Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-8510	Hand Rail, Rear Decking, 290 Harvester	2		
2	BAR-8513	Hand Rail, Ladder to Platform, 290 Harvester	2		
3	MOU-8801	Mount, Rear Decking, 290 Tomato Harvester	4		
4	STD-8500	Decking, Tomato Machine	1		
5	STD-8501	Post	1		
7	STD-8503	Decking, Rear Decking, 290 Harvester	2		
8	STD-8504	Right Rear Post, Rear Decking, 290 Harvester	1		
9	STD-8505	Left Rear Post, Rear Decking, 290 Harvester	1		
10	CH-3-1	3/16' Proof Coil Link Chain @ ft	4		
11	STD-8401	Ladder To Platform, 290 Tomato Harvester	1		
12	BAR-3861	Bar, Decking Holder, Elevation Deck Step	2	30098001-	
13	STD-8402	Decking, Ladder To Platform, 290 Tomato	1		
14	BAR-8407	Hand Rail, Ladder, 290 Tomato	2		
15	BAR-8512	Bracket, Platform to Shaker Chamber, 290	1		
100	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	8		
101	BL-6-325-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	8		
102	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	8		
103	BL-6-225-H	3/8 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	7		
104	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
105	BL-6-FW	3/8 USS FW ZC	54		
106	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	27		

KIT-0197 72mm Lower Gathering Brg. for Roller Update Kit for 190 Tomato

Benefits:

-Helps prevent wrapping of the roller chain sprockets



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters w/ Roller Kit

KIT-0197 190 72mm Lower Gath. Brg. for Roller Update Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-1308	Mount, Right Side, Roller, 190	1		
2	MOU-1309	Mount, Left Gath. Chain, Assembly	1		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	BR-072-RAK	72mm Cast Housing	2		
5	SHD-1308	Shield, Right Gathering Roller, 190	1		
6	SUP-1308	Support, Right Mount, 190	1		
7	SHD-1309	Shield, Left Gathering Roller, 190	1		
8	SUP-1309	Support, Left Mount, 190	1		
9	BR-12572-LC	1 1/4' Locking Collar - Bearing Protector	2		
100	BL-10-300-H	5/8-11 X 3 HEX CAP G5 ZC	4		
101	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	2		
102	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	4		
103	BL-10-LN	5/8-11 HEX LN NE ZC	8		
104	BL-10-FW-8	5/8' Grade 8 Flat Washer	16		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
106	BL-6-FW	3/8 USS FW ZC	4		
107	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
108	BL-6-LW	3/8 SPLIT LW ZC	4		
109	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2		
110	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
111	BL-8-SW	1/2 SAE FW ZC	4		
112	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	4		

KIT-0198 Straight Debris Shield Kit for 290 Tomato (Upper Panels Only)

Benefits:

-Helps lift green trash onto debris belt or drum



Price: \$

Availability: Special order

Can Be Installed: Off season

Approx. Time Required to Install: 4 hrs.

Will Fit: All 290 Tomato Harvesters

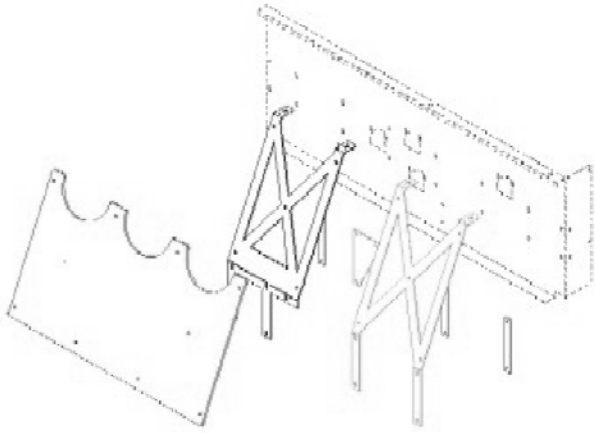
KIT-0198 290 Straight Debris Shield Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8517	Panel, Top Front, 290 Tomato Harvester	1		
2	PAN-8516	Panel, Top Cross Conveyor, 290 Tomato	1		

KIT-0199 Dust Panel Shield Kit for 190 Tomato

Benefits:

-Diverts dirt away from dust panel flow controls



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0199 190 Dust Panel Shield Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SUP-0106	Support Dust Sheild, 190 Harvester	1		
2	SUP-0107	Support Dust Sheild, 190 Harvester	1		
3	PL-0044	Dust Sheild, 190 Harvester	1		
4	BAR-0112	Backing Plate, 190 Harvester	3	BAR-0112	
5	BAR-0113	Backing Bar, Dust Shield, 190 Harvester	1		
100	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	14		
101	BL-6-450-H	3/8 x 4 1/2 HEX BOLT	9		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	23		
103	BL-6-FW	3/8 USS FW ZC	46		

KIT-0200 Fender, Header Side for 290 Tomato

Benefits:

-Protects tire sidewalls



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0200 Fender, Header Side, 290 Harvester Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHD-0122	Fender, 290 Tomato Harvester	1		
2	BAR-0111	Backing Bar	2		
3	SPA-0059	Spacer, Fender, 190 Tomato Harvester	2	SPA-0059	
100	BL-8-850-8	1/2-13 x 8 1/2 HH G8	4		
101	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
102	BL-8-FW	1/2 USS FW ZC	8		

KIT-0201 2nd Air Tank for 290 Tomato

Benefits:

-More air storage capacity



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0201 2nd Air Tank Kit 290 Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	AIR-1513	Air Reservoir Tank	1		
2	194-1513A	Air Tank Bracket	1	19401-	
3	194-1513B	Bracket, Air Reservoir	1	19401-	
4	BRA-0201	Bracket, 2nd Air Tank	2	BRA-0201	
5	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	2		
6	H10-PL	5/8" Push Loc Hose @ ft.	2		
7	CL-1208	Hose Clamp, Size 12 - 1 1/8	2		
8	AP-8	1/2" Pipe Plug	2		
9	AP-12	1/2" NPT Plug	2		
10	AP-4	1/4 MIP plug	1		
11	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4		
12	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
13	BL-6-FW	3/8 USS FW ZC	8		
14	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
15	MOU-0085	Mount, Air Compressor Relocation, 290	2		

KIT-0203 2nd Air Tank for 190 Tomato

Benefits:

-More air storage capacity



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

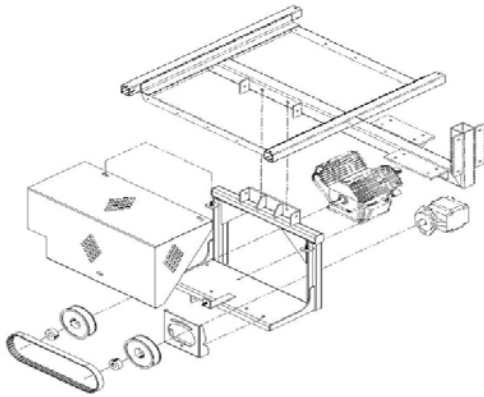
KIT-0203 2nd Air Tank 190 Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	194-1513A	Air Tank Bracket	1	19401-	
2	194-1513B	Bracket, Air Reservoir	1	19401-	
3	AIR-1513	Air Reservoir Tank	1		
4	CL-16	1' Stainless Steel Gear Clamp	2		
101	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
102	BL-6-225-H	3/8 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	4		
103	BL-6-FW	3/8 USS FW ZC	8		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
601	A-5602-8	Run Tee 1/2' NPT	1		
602	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	1		
603	A-4129-10-8	1/2 NPT 90° w/ 5/8' push-loc	2		
604	AP-12	1/2" NPT Plug	2		
605	AP-8	1/2" Pipe Plug	1		
606	AP-4	1/4 MIP plug	1		
607	H10-PL	5/8" Push Loc Hose @ ft.	2		

KIT-0204 Air Compressor Relocation Belt Drive Kit for 290 Tomato

Benefits:

- Relocates air compressor away from oil cooler & heat
- Fewer alignment issues



Price: \$

Availability: Special order

Can Be Installed: Off season

Approx. Time Required to Install: 4 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0204 290 Air Compressor Relocation Belt Drive Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-0110	290 Belt Drive Air Compressor Mount	1	MOU-0110	
2	MOU-0204	Mount, Motor w/Tensioner, Air Compressor, HC 290	1		
3	PU-64-8M-30-2517	HTD Pulley	2		
4	PU-2517-16-4	TaperLoc Bushing 1" bore 1/4" key	1		
5	PU-2517-14-4	TaperLoc Bushing 7/8" Bore 1/4" Key	1		
6	BT-1280-8M-30	Primary Weight Drive Belt	1	19101	Can not replace with BT-390H100 belts unless all the pulleys are changed.
7	SHD-0204	Shield, Cover, Air Compressor, HC 290	1		
100	BL-5-150-H	5/16-18 X 1 1/2 HEX CAP G5 ZC	4		
101	BL-5-LN	5/16-18 HEX LN NE ZC	4		
102	BL-5-WS	5/16" SAE Washer	4		
103	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	14		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
105	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	1		
106	BL-8-FW	1/2 USS FW ZC	6		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	3		
108	BL-8-425-H	1/2-13 X 4 1/4 HEX CAP G5 ZC	2		
109	BL-8-125-C	1/2 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	2		
110	BL-8-N	1/2-13 HEX FIN NUTS ZC	4		
111	BL-8-LW	1/2 SPLIT LW ZC	3		
112	BL-8-250-T	1/2 - 13 X 2 1/2 TAP BOLT GR5 ZINC	1		
113	BL-8-175-C	1/2 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	1		
114	BL-6-LW	3/8 SPLIT LW ZC	3		
115	BL-6-N	3/8-16 HEX NUTS ZC	3		
116	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	2		
600	A-1405-8-8	1/2" NPT Coupler W/Swivel	1		
601	A-1501-8-8	1/2 MP x 1/2 FPX90	1		
602	H12C-4-76	1/2" Suction Hose x 76'	1		
603	H12C-4-80	1/2" Suction Hose x 80'	1		

604	H10-42-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 42 in long	1
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KIT-0205 Chopper Door Update Kit for 190 Tomato

Benefits:

- Larger clean out door on back of chopper
- No need to remove hood for daily cleaning



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0205 190 Chopper w/Sep. Ext., Door & Belting Update Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ARM-2008	Arm, Belting Holder, Fan Intake Protector, 190	1		
2	BT-2013	Belting,Vine Chopper Door	2	BT-2013	
3	SHD-2013	190 Vine Chopper Door (Rear)	1	SHD-2013	
4	BT-2008	Belting, Fan Intake Shield, 190 Chopper	1		
5	BT-2009	Belting, Weed Turner, 190 Chopper w/Sep.	1		
100	BL-5-250-H	5/16-18 X 2 1/2 HEX CAP G5 ZC	9		
101	BL-5-FW	5/16 USS FW ZC	15		
102	BL-5-LN	5/16-18 HEX LN NE ZC	9		
103	BL-6-350-H	3/8-16 X 3 1/2 HEX CAP G5 ZC	4		
104	BL-6-FW	3/8 USS FW ZC	8		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
106	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	31		
107	BL-4-LN	1/4-20 HEX LN NE ZC	31		
108	BL-4-FW	1/4 USS FW ZC	62		
0	0500	Assembly Area	6.62		
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	MOU-2013	Hefty Right Mount, Vine Chopper, 190 Tomato	1		
4	MOU-2014	Hefty Left Mount, Vine Chopper, 190 Tomato	1		
5	SHD-2024	Shield, Top, Rounded, Vine Chopper, 190 Tomato Harvester	1		
6	KN-142141	Knife	5		
7	BAR-2020	Bar, Long Flail, Vine Chopper	27		
9	PAN-2012	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
10	PAN-2013	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
11	BAR-2013	Bar, Inside Plate, Vine Chopper, 190 Tomato	2		
12	SHD-2018	Shield, Back, Vine Chopper	1		
13	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
16	BR-175-085-KB	Fafnir Bearing 1 1/2" Heavy SS1	2		

17	BR-085-RAK	Bearing Housing 85 mm	2	
18	BAR-2015	Belting Bar, Vine Chopper, 190 Tomato	2	
19	HM-115	Hydraulic Motor	1	
20	BT-2007	Belting, 190 Vine Chopper, Update Sheild	1	BT-2007
21	MOU-2010	Motor Mount, Vine Chopper, 190 Tomato Machine	1	
22	SHD-2009	Coupler Shield, Vine Chopper	2	
23	SUP-2002	Motor Mount Support, Vine Chopper	1	
24	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1	
25	MOU-2003	Left, Front Mount, Vine Chopper, 190 Tomato	1	
26	MOU-2004	Right, Front Mount, Vine Chopper, 190 Tomato	1	
27	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1	
28	GF-1428	Grease Fitting 1/4' x 28 straight	2	
29	CPR-422-18	Lovejoy Donut W/ Hardware	1	
30	CPR-422C-18	Coupler, Shaker Side	1	30095001-
31	CPR-422D-18	Coupler, Shaker, Motor Side, 1' Shaft	1	30095001-
32	ARM-2000	Arm, Outside Mount Support, Vine Chopper, 190	1	
33	ARM-2001	Arm, Support, Inside Tube, Vine Chopper, 190	1	
34	ARM-2002	Arm, Support, Outside Tube, Vine Chopper, 190	1	
35	ARM-2003	Arm, Inside Mount Support, Vine Chopper, 190	1	
38	LA-703	Large Rubber T Latch Assembly	4	
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1	
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1	
45	DC-1182	Decal, White 'PIK RITE' 3 1/4' x 23'	1	
46	DC-1184	Danger Decal, 3' x 16'	1	
47	BRA-0115	Stiffner Bracket, Vine Chopper, 190	2	
48	RLR-040-108	4' Flat Roller	2	Changed to Urethane in 2006
49	RLA-000-118	Standoff, 1/2' X 1 1/8'	2	
51	PL-2002	Plastic, Vine Chopper, Vine Chain, 190	1	
52	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1	
53	SHD-2023	Rolled, Vine Chopper Door, 190 Tomato Harvester	1	
54	BT-2013	Belting,Vine Chopper Door	2	BT-2013

55	BT-2009	Belting, Weed Turner, 190 Chopper w/Sep.	1
56	ARM-2008	Arm, Belting Holder, Fan Intake Protector, 190	1
57	BT-2008	Belting, Fan Intake Shield, 190 Chopper	1
100	BL-12-LN	½" Lock Nuts w/Nylon Inserts	2
101	BL-12-FW	½" Flat Washer	2
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	18
103	BL-6-SW	3/8 SAE FW ZC	40
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	69
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	82
106	BL-8-175-H	1/2-13 X 1 ½ HEX CAP G5 ZC	6
107	BL-8-SW	1/2 SAE FW ZC	31
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	24
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	8
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
112	BL-12-225-H	½-10 X 2 1/4" HH GR5 ZC	2
113	BL-12-LNS	½-10 Stover Lock Nut	27
114	BL-12-175-H-8	½-10 x 1-½" Grade 8 Hex Head	27
115	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	7
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4" Flat Washer Grade 8	126
118	BL-4-075-H	1/4 UNC X ½ HH C/S BOLT GR5 ZINC	40
119	BL-4-LN	1/4-20 HEX LN NE ZC	72
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	16
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	17
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2
126	BL-16-LN	1" Lock Nuts w/ Nylon Inserts	1
127	BL-4-250-H	1/4-20 X 2 1/2 HEX CAP G5 ZC	2

128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	24
129	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	6
130	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	4
131	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1

KIT-0206 Vine Chopper w/out Sep. Ext. Plumbed to Opt. Pony Pump

Benefits:

- Cuts vines into 4-8 inch pieces
- Note:** Must be plumbed to Pony Pump



Price: \$

Availability: Special order

Can Be Installed: Off season

Approx. Time Required to Install:

Will Fit: Any machine w/ Separation Kit

KIT-0207 Odenberg Keypad Interface for 190 Tomato

Benefits:

-Ability to make minor adjustments from the tractor



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0207 Tractor Keypad Interface for Grademaster Sorter Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	SRT-1581052	Tacho Harness & Sensor	1		
0	SRT-1581077	Driver Interface Package, Grademaster 1997 - 2003	1		

KIT-0208 Overhead Header Lift Tower for 190 Tomato

Benefits:

- Improved height control
- Less side draft
- Better towability
- No plowing of Header



Price: \$

Availability: Special order

Can Be Installed: Off season

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 Tomato Harvesters

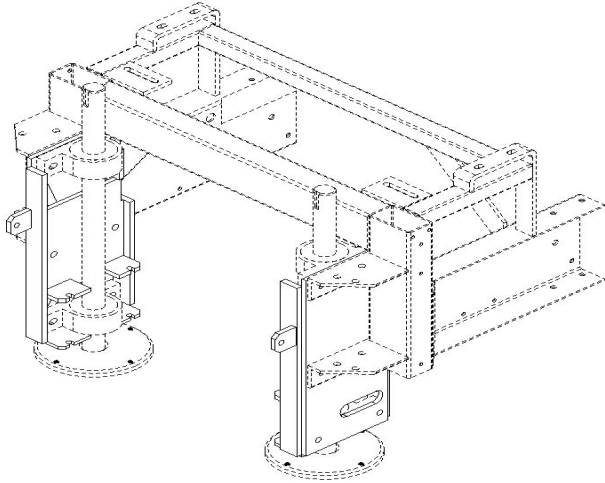
KIT-0208 Overhead Header Lift Tower (190) w/o AHHC Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	ACP-6	3/8' Black Pipe Cap	2		
0	PT-4205	Red Paint (Aerosol), 12 oz.	1		
0	PT-7868	Gray Sealing Primer, 12 oz.	1		
1	FRM-1150	190 Overhead Header Lift (Lower)	1	FRM-1150	
2	FRM-1156	Overhead Header Lift (upper)	1		
3	FRM-1154	Outer Cyl. Mount,Overhead Lift Header 190	1		
4	FRM-1155	InnerCyl. Mount, Overhead Lift Header, 190	1		
5	TL-1541	Top Link Ratchet Handle 20-28in.	2	TL-1541	
6	SPA-1150	Spacer, Over Head Header Tower, 190	2		
7	SUP-102	Support, Header Side Rail Splice	2		
8	WT-17H	Heavy Duty Wire Tie 17.5'	30		
9	FRM-1149	190 Overhead Header Lift (Right Side Lower)	1	FRM-1149	
10	BAR-1149	Bar Backing Overhead Tower To Frame	2	Bar-1149	
100	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	8		
101	BL-8-475-H	1/2-13 X 4 1/2 HEX CAP G5 ZC	4		
103	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	8		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	20		
106	BL-12-1600-SUS-G8	1/2-10 x 16' Setup Stud 2' Min Thrd @ Ends, Gr8	2		
107	BL-12-FW-8	1/2" Grade 8 Flat Washer	4		
108	BL-12-LW	1/2" Lock Washer	4		
109	BL-12-N	1/2" Nut	4		
110	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	8		
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	104		
112	BL-8-LNS	1/2 Stover Lock Nut	8		
113	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	24		
114	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	24		
115	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	48		

KIT-0209 Disk Bearing Lowering Kit for 190 Tomato w/out Bearings or Shaft

Benefits:

-Strengthens Disk Shaft by mounting bottom bearing lower



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 6 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0209 Disk Brgs. Lowrng Kit Tomato 190 w/o Brgs. Or Sft Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SUP-6139	Support, Lower Bearing, Right Side	1	61395-	
2	SUP-6138	Support, Disk Bearing, Lowering, Left Side	1	61395-	
100	BL-10-300-H	5/8-11 X 3 HEX CAP G5 ZC	8		
101	BL-10-325-H	5/8 UNC X 3 1/4 HH C/S BOLT GR ZINC	2		
102	BL-10-350-H	5/8 UNC X 3 1/2 HH C/S BOLT GR ZINC	2		
103	BL-10-LN	5/8-11 HEX LN NE ZC	12		
104	BL-10-SW-8	5/8 S.A.E. FLAT WASHERS	24		
105	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	8		
106	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
108	BL-8-SW	1/2 SAE FW ZC	8		

KIT-0210 Electronic Flow Control Package for 190 Tomato

Benefits:

-Operator is able to control Flow Control from tractor cab



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs. (some drilling req'd.)

Will Fit: All 190 Tomato Harvesters

KIT-0210 Remote Electric 25 GPM Flow Control Fits All Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0500	Assembly Area	0.5		
1	A-1405-8-8	1/2" NPT Coupler W/Swivel	2		
2	A-6401-12-8	12 SAE x 1/2" MP Hex Nipple	1		
3	A-6900-12-12	12 SAE x 1/2" FPX	2		
4	A-6901-12-12	12 SAE x 1/2" FPX 90°, Forged	2		
5	EL-46000	Inline Fuse Holder	1		
6	EL-46102	2 Amp Fuse, Type AGC	1		
7	HV-1201	Brand Flow Valve Electronic Box	1		
8	HV-FL-B	Flo Control Adjust Rod	1		
9	ELC-14-BL	14 Gauge Wire (Blue)	120		
10	ELC-14-R	14 Gauge Wire, Red	5		
11	ELC-14-BLK	14 Gauge Wire, Black	5		
12	ELL-375	3/8" Wire Loom @ft	60		
13	ELT-31712	Push On Male 14-16 ga	2	HV-1045K	
14	ELT-31713	Push On Female Terminal 14-16 ga.	4	HV-1045K	
15	ELT-52565	Ring Terminal 5/16 x 14-16ga	2	HV-1045K	
17	VC-0550	Velcro One Wrap Strap @ yd	0.5		
18	VC-9001	4' Velcro Loop w/ Pressure Sensative Back @ yard	0.1		25 Yards Per Roll
19	VC-9151	4' Velcro Hook w/ Pressure Sensative Back @ yard	0.1		
20	WT-17H	Heavy Duty Wire Tie 17.5'	20		
21	A-6900-12-8	12 SAE x 1/2" FPX	2		
22	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
23	A-1404-8-12	1/2 MP x 3/4 FPX	2		
24	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
25	H12-36-12MP-8MP	1/2 in hose 1/2 MP x 1/2 MP x 36 in long	3		
26	HVE-2500	Electronic Flow Control Valve	1		
100	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	2		
101	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2		

102	BL-4-FW	1/4 USS FW ZC	8
103	BL-4-LN	1/4-20 HEX LN NE ZC	4

KIT-0211 Discharge Pivot Pin Straps

Benefits:

-Supports Discharge Elevator Pivot Point



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 1 hr.

Will Fit: All 190 & 290 Tomato Harvesters

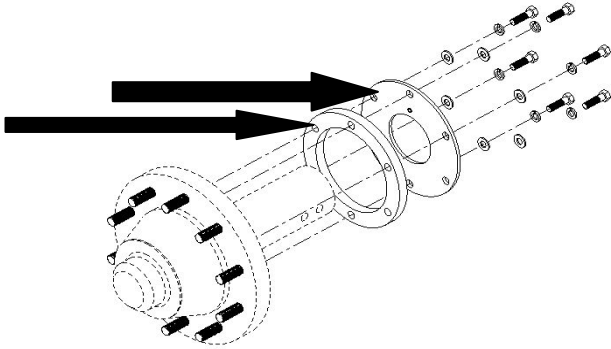
KIT-0211 Discharge Pivot Pin Straps Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-0114	Discharge Strap, Tomato Harvester	2		
100	BL-8-700-8	1/2-13 X 7' GR8 HH BOLT	2		
101	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2		
102	BL-8-FW	1/2 USS FW ZC	6		
103	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		

KIT-0213 Single Tire Seal Kit (Header Side Only)

Benefits:

-Helps to keep dirt and debris from entering the main hub seal



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 1-2 hrs.

Will Fit: All 190 Tomato Harvesters

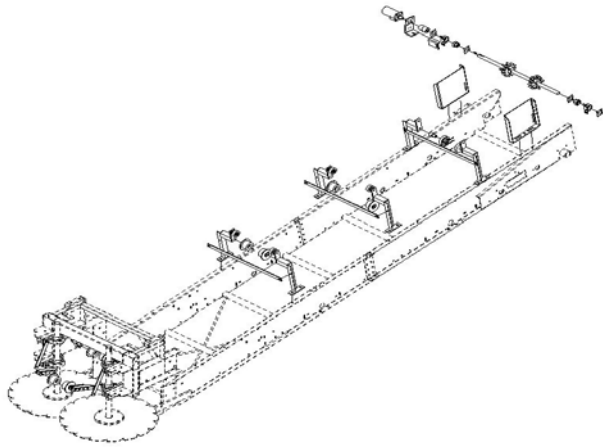
KIT-0213 Single Tire Hub Bearing Seal Protector Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PL-1210	Plastic, Spacer Shield/Scraper, WHL-1210	2		
2	SHD-1210	Shield, Seal Protector, WHL-1210	2		
100	BL-8-175-HNF	1/2-20 x 1- $\frac{1}{2}$ Hex Head Fine Thread	12		
101	BL-8-LW	1/2 SPLIT LW ZC	12		
102	BL-8-SW	1/2 SAE FW ZC	12		

KIT-0215 Full – Length Vine Assist Kit for Disk Head for 190 Tomato

Benefits:

-Keeps an even flow of product into shaker chamber for better separation



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4-5 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0215 Full Length Vine Assist for Disk Header Parts List

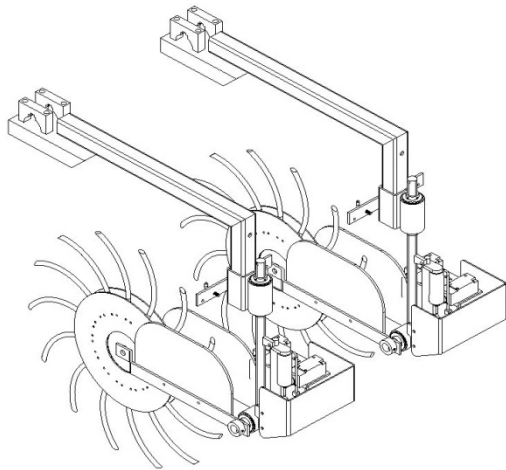
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BRA-0099	Bracket Roller MountOverhead Vine Assist Sickle	4	KIT-0011	
3	BRA-0098	Bracket Roller Mount	4	KIT-0011	
4	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
5	PAN-1106	Panel, Weldment, Outer Rear, Vine Assist	1	Kit-0050	
6	193-806	Mount motor	1		
7	193-806B	Motor Mount Stop	1		
8	SFT-0020	Shaft,Overhead Vine Assist190Sickle,20in. Wide	1	KIT-0011 KIT-0215	
9	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	2		
10	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
11	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	1		
12	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	1		
13	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4' key urethane	2		
14	KEY-4-4-28	Shaft Key 1/4' x 1 1/4'	2		
15	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
16	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	6		
17	RLA-000-118	Standoff, 1/2' X 1 1/8'	8		
18	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
19	SC-20-6	Bearing Protector, 1 1/2', Inner Side	2		
20	SC-20-7	Bearing Protector, 1 1/2', Outer, Lock Collar Side	2		
23	WT-11	Wire Tie 11'	20		
24	BC-6-20108-107	Belted Chain, 3/8 x 20, 2x60, 107 Pitches Long	1		
25	BAR-0134	Vine Assist Tomato,Cross Bar Support	4		
27	RLT-027-108	Roller 2.75' dia. 1/2' Bore	6		2755C1X (Old Number, Single Bearing)
100	BL-1032-175P	10/32 x 1 1/4' Pan Head, Phillips Machine Screw	8		
101	BC-1032-LN	10-32 lock nuts	8		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	20		
103	BL-6-SW	3/8 SAE FW ZC	30		
104	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	26		

105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	26
106	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	10
107	BL-6-LW	3/8 SPLIT LW ZC	4
109	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	4
110	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	8
111	BL-8-550-H	1/2-13 X 5 1/2 HEX CAP G5 ZC	4
112	BL-8-500-H	1/2-13 X 5 HEX CAP G5 ZC	4
113	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	20
114	BL-8-FW	1/2 USS FW ZC	16
115	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	26
116	BL-10-FW-8	5/8" Grade 8 Flat Washer	32
117	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2
118	BL-10-LN	5/8-11 HEX LN NE ZC	2
119	BL-10-650-H	5/8 UNC X 6 1/2 HH C/S BOLT GR ZINC	2
600	A-6900-10-8	10 SAE x 1/2 FPX	2
601	A-1405-12-12	1" NPT coupler w/swivel	1
602	H12-20-12MP-8MP	1" in hose 1"MP x 1/2MP x 20 in long	1
603	H12-36-12MP-8MP	1" in hose 1"MP x 1/2MP x 36 in long	1

KIT-0221 Dual Electronic Header Head Kit for 190 Tomato

Benefits:

- Gooseneck Hitch equipped only
- Individual control of each side of the header



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 8 hrs.

Will Fit: 190 Tomato Harvesters w/ Gooseneck Hitch

KIT-0221 190 Dual Electronic Header Height Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	6.943		
1	ACT-042B-2	Actuator, Wired For any Length Harness, 08 and Later	2		
2	ADJ-HC99	Adjuster, Wheel Control Height Adj, HHC	2		
3	ARM-0069	HHC Arm, Electronic Header Height	2		
4	ARM-0070	Switch Mount, HHC	2		
5	ARM-HC99R	Arm, Right, Control Wheel, HHC	2		
6	BAR-0085	Switch Mount, Flat Plate, HHC	2		
7	BAR-9023	Bar, AHHC Trailing Wheel Mount	2		
8	BR-100-ER	Bearing, 1' ER	12		
9	CH-3-28	3/16 LINK CHAIN 28 LINKS	4		
11	ELC-042B-28	Actuator Cable Only 28' 08 to Present	2		
12	ELS-22022	Limit Switch, Plunger Actuated, 10 Amp	4		
13	KEY-4-4-12	SHAFT KEY 1/4"x1/2" SQUARE CUT (1018)	4		
14	MOU-103	Mount, Wheel Arm Bar Support, HHC, Cuc & Tom	4		
15	MOU-HC03	Mount, Trailing Wheel Arms, HHC, 2003	2		
16	PL-6192	Depth Disk Wheel, 14.375 Dia.	2		
17	PL-HC99	Plastic, Chain Guard Wheel Arm, HHC	4		
18	SFT-HC07	HHC Shaft	2		
19	SHD-HC07	HHC Sheild, Electronic Switch	2		
20	SUP-8100	Support, Wheel Hold Up, Header Height, HC290	4		
21	WHL-HHC-99	Spider Wheel Assembly	2		
22	WT-14	Wire Tie 14 1/4'	50		
23	WT-7	Wire Tie 7'	50		
24	BAR-9022	Bar, AHHC Trailing Wheel Mount, Support Bar	1		
25	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	15		
26	DC-ARROW	Decal, Yellow Direction Arrow	2		
27	DC-1184	Danger Decal, 3' x 16'	1		
28	DC-1047	Decal, HV-1047, White	3		Use w/HV-1047

100	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	4
101	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
102	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	8
103	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	4
104	BL-4-175-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	2
105	BL-4-400-H	1/4-20 X 4 HEX CAP G5 ZC	8
106	BL-4-FW-8	1/4" Flat Washer Grade 8	40
107	BL-4-LN	1/4-20 HEX LN NE ZC	28
108	BL-4-LW	1/4 SPLIT LW ZC	8
109	BL-5-031-SC	5/16-18 x 5/16 Knurled Point Set Screw	16
110	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	8
111	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	8
112	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	14
113	BL-6-LW	3/8 SPLIT LW ZC	8
114	BL-6-SW-8	3/8 SAE FW G8 , Yellow Zinc, Thru Hardened	40
115	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	4
116	BL-8-475-H	1/2-13 X 4 1/2 HEX CAP G5 ZC	8
117	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8
118	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	10
119	BL-8-SW-8	1/2 SAE FW G8 ZC	10
120	BL-10-325-H	5/8 UNC X 3 1/4 HH C/S BOLT GR ZINC	2
121	BL-10-LN	5/8-11 HEX LN NE ZC	2
122	BL-10-SM	5/8 x 1 x 14ga Shim	10
123	BL-10-SW	5/8 SAE FW ZC @	10
125	BL-4-175-HFT	1/4-20 X 1-1/2 HEX CAP G5 ZC, Fully Threaded	2
126	BL-4-200-HFT	1/4-20 X 2 HEX CAP G5 ZC, Fully Threaded	2
127	BL-4-N	1/4-20 HEX FIN NUTS ZC	4
128	BL-6-325-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	6
129	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	2
601	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	2
602	A-6408-8	8 SAE Plug	2

603	A-6900-10-8	10 SAE x 1/2 FPX	2	
604	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	4	20095001-
605	A-6408-10	10 SAE Plug	2	
606	H8-75-8MP-8MP	1/2 in. hose 75 in. 1/2 x 1/2	2	
607	H4-150-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 150 in long	2	
608	H6-204-6MP-6MP	3/8 hose 3/8MP x 3/8MP x 204 in long	2	
609	ELC-0009	Actuator Control Cord, Control Box to Electrical Panel	1	
610	EL-14D0	Switch Boot	1	
611	ELC-318	18 Gauge-3 Conductor @ Foot	60	
612	ELC-18-R	18ga Wire - Red	2	
613	ELC-2612	1/2' Plastic Cord Connector	4	
614	ELT-30753	Snap Spade Terminal #6 x 22-18 Red	4	
615	ELS-2T-15	Switch 2 Pos Toggle 1' Bat (15 Amp)	1	
616	ELC-318-10	Control Cord EHHC, Dual Cucumber	1	
617	ELC-16-R	16 Gauge Wire, Red	3	
618	ELE-0014	Actuator, Main Junction Box	2	
619	EL-0008	Actuator Control Box, Double	1	
620	HA-1031	Hydraulic Hose Holder 3/8	4	
621	HVE-1013	2 Bank DO3 Valve	1	
1	SHD-0137	Pony Pump Shield	1	SHD-0137
2	MOU-0111	Mount, Pump Pony, 190 Tomato	1	
4	HP-2100-150-1	Hydraulic Pump	1	At 1800 RPM, 21.5 GPM @ 2000 PSI At 1200 RPM, 14 GPM @ 2000 PSI
5	PU-80-8M-30-SK	Primary Weight Pulley HTD	1	1910119115
6	PU-64-8M-30-2517BO	Pulley, Bored Out	1	
7	BT-1440-8M-30	HTD Belt 1440mm	1	
8	PIN-4-16-C	1/4' x 1' Coil Pin	1	
9	KEY-4-4-16	Shaft Key 1/4' X 1/4' X 1' Square Cut (1018)	1	20095001-
10	PU-2517-24-6BO	Taper Lock, Bored Out, Pony Pump	1	
11	PU-2012-16	Taperloc Bushing - 1' Bore	1	
12	PU-SK-18	Bushing, SK x 1 1/8'	1	

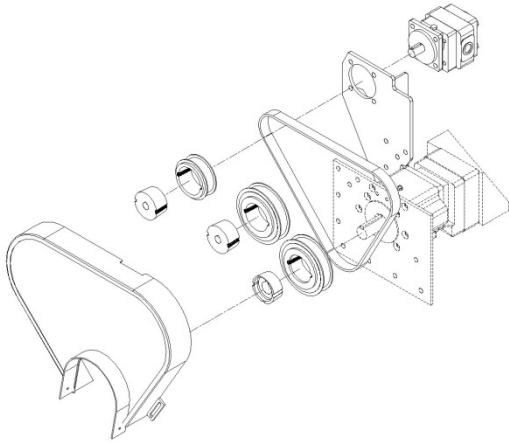
13	PU-42-8M-30-2012	HTD Pulley	1	
100	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4	
101	BL-8-175-H	1/2-13 X 1 ½ HEX CAP G5 ZC	4	
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8	
103	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2	
104	BL-4-FW-8	1/4" Flat Washer Grade 8	8	
105	BL-4-LN	1/4-20 HEX LN NE ZC	2	
106	WT-17H	Heavy Duty Wire Tie 17.5'	30	
107	BL-8-SW-8	1/2 SAE FW G8 ZC	16	
108	BL-6-175-C	3/8 UNC X 1 ½ CARRIAGE BOLT GR5 ZINC	1	
109	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	1	
110	BL-6-LW	3/8 SPLIT LW ZC	1	
111	BL-6-N	3/8-16 HEX NUTS ZC	1	
601	A-1603-8-8-8	Swivel T 1/2" NPTF	1	
602	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1	
603	H20-S	1 1/4" Suction Hose @ft	16	
604	A-6806-10-8	10 SAE x 1/2" MP 90°	1	
605	AN-32-HS	2" NPT, Combination Nipple/Hose Shank, 2" ID Hose	2	
606	A-5404-12-12	Hex Nipple ½" x ½"	1	
607	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	1	
608	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2	
609	A-1603-12-12	Swivel T ½" NPTF	1	
610	A-6902-10-8	10 SAE X 1/2" FPX 45°	1	
611	ATB-06-06-06	3/8" x 3/8" x 3/8" Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
612	H6-PL-140	3/8" Push Loc Hose 140'	1	
613	H10-44-8MP-8MP	5/8 in Hose 1/2mp x 1/2MP x 44in Long	2	
614	H10-204-8MP-12MP	5/8in Hose 1/2MP x ½MP x 204in Long	1	
615	H10-460-8MP-8MP	5/8in Hose x 1/2MP x 1/2MP x 460in Long	1	
616	A-4644-20-20	1 1/4" Hose Barb x 20 SAE Male Straight	1	
617	AN-20-HS	1 1/4" NPT, Combination Nipple/Hose Shank, 1 1/4" ID Hose, Plated	1	
618	ASL-20	1 1/4" Street Elbow	1	

619	AT-32-32-20	2 x 2 x 1-1/4 FPT Black Malleable Tee	1	
620	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	1	
621	CL-10	Single Snap Grip Clamp for 3/8' Push Loc Hose	3	Use with ATB-06-06-06
622	CL-125	1 1/4'Hose Clamp, Heavy Duty T-Bar, 1.5625'-1.875'	2	
623	CL-225	2 1/4' T-Bolt Clamp	2	
624	HOS-2-2	2' I.D., Hose, Clear, Suction	10	
625	A-6900-12-8	12 SAE 1/2' FPX	1	

KIT-0223 Pony Pump for 190 Tomato w/ Gooseneck Hitch

Benefits:

- Turns vine chopper hydraulics
- Does not require oil from tractor



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 7 hrs.

Will Fit: 190 Tomato Harvesters w/ Gooseneck Hitch

KIT-0224 Vine Chopper w/out Sep. Ext. to Opt. Pony Pump

Benefits:

-Cuts vines into 4-8 inch pieces



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 10 hrs.

Will Fit: 190 Tomato Harvester w/ Pony Pump

KIT-0224 Vine Chopper w/o Sep Ext to opt Pony Pump Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0500	Assembly Area	4.67		
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	KN-142141	Knife	5		
4	BAR-2020	Bar, Long Flail, Vine Chopper	27		
6	PAN-2010	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
7	PAN-2011	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
9	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
11	BR-175-085-KB	Fafnir Bearing 1 1/2" Heavy SS1	2		
12	BR-085-RAK	Bearing Housing 85 mm	2		
13	BAR-2018	Bar, Vine Chopper, 190 Tomato Machine	2		
14	HM-122	Motor, Hydraulic, 1-1/2" Gear, #12 SAE Ports	1		
15	BT-2010	Vine Chopper, Belting 190, Post 2005	1		
16	MOU-2015	Motor Mount, 190 Vine Chopper	1		
17	SHD-2015	Expanded Metal, Shield, 190 Vine Chopper	2		
18	SUP-2002	Motor Mount Support, Vine Chopper	1		
19	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
20	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
21	GF-1428	Grease Fitting 1/4" x 28 straight	2		
22	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
23	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-	
24	CPR-422-18	Lovejoy Donut W/ Hardware	1		
25	SHD-2019	Shield, Back Panel, 190 Vine Chopper	1		
26	BRA-2010	Top LH Bent, Vine Chopper, 190 Tomato Machine	1		
27	BRA-2011	Top, LH Sd Bent, Vine Chopper, 190 Tomato	1		
28	BRA-2012	Top RH Bent, Vine Chopper, 190 Tomato	1		
29	BRA-2013	Top RH Sd Bent, Vine Chopper, 190 Tomato	1		
30	PL-2001	Plastic, Vine Chopper, 190 Tomato Machine	1		

31	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1
45	DC-1182	Decal, White 'PIK RITE' 3 1/4' x 23'	1
46	DC-1184	Danger Decal, 3' x 16'	1
47	BRA-0114	Stiffener Bracket, Vine Chopper, 190	2
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	20
103	BL-6-SW	3/8 SAE FW ZC	36
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	30
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	45
106	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	6
107	BL-8-SW	1/2 SAE FW ZC	31
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	22
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	8
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
115	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4' Flat Washer Grade 8	46
118	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	9
119	BL-4-LN	1/4-20 HEX LN NE ZC	23
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	6
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	10
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2
128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	14
129	BL-12-175-H-8	1-1/2 x 1-1/2" Grade 8 Hex Head	27
130	BL-12-LNS	1-1/2" Stover Lock Nut	27
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1

802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1
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KIT-0226 AHHC Conversion to Overhead Lift Tower Cyl. for 190 Tomato

Benefits:

-Better control of the Disk to ground



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 12 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0226 AHHC Conversion To Overhead Lift Tower Cyl. Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0500	Assembly Area	2.7167		
0	ELC-14-BL	14 Gauge Wire (Blue)	21		
0	ELC-14-BLK	14 Gauge Wire, Black	20		
0	ELC-22-RW	22 Gauge Red Wire with White Striping	2		
0	ELS-3MLB	Switch, 3 Pos Momentary (long bat) on-off-(on)	1		
1	HC-275-2408-RP	2 ½ x 24 Rephasing Cylinder	1		Seal Kit Part No. HC-250R-112 (639557)
2	HC-300-2408-RP	3 x 24 Rephasing Cylinder	1		Seal Kit Part No. HC-300R-125 (639558)
3	HV-1977	Header Height, Leveling Circuit Valve	3		
4	A-6901-8-6	8 SAE x 3/8' FPX90-, Forged	3	20095001-	
5	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	3	20095001-	
6	H4-84-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 84 in long	1		
7	ACP-6	3/8' Black Pipe Cap	2		
8	EL-2114	Relay	1	EL-2115 (Base)	
9	ELT-30511	Female Push On 18-22 ga	2		
10	ELT-31713	Push On Female Terminal 14-16 ga.	2	HV-1045K	
11	ELT-31004	Terminal Ring, 1/4',16-14 Gauge,Non-insulated	2		
12	ELT-31753	Snap Spade Terminal, #6, 16-14 Blue	1		
13	ELT-31755	Snap Spade Terminal #10 x 14-16ga	1	HV-1045K	
100	BL-4-400-H	1/4-20 X 4 HEX CAP G5 ZC	3		
101	BL-4-LN	1/4-20 HEX LN NE ZC	3		
102	BL-4-FW-8	1/4' Flat Washer Grade 8	6		

KIT-0230 Cross Roller Motor Drive Kit

Benefits:

-Less Roller Chain to maintain



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0230 Cross Roller Motor Drive Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	1		
2	193-806	Mount motor	1		
3	193-806A	Motor mount stop	1		
4	193-806C	Motor Guard	1	19301-	
5	HM-214-TC	Hydraulic Motor	1		Seal Kit # TCI-SKHPQ
6	SPA-0071	Motor Stop Spacer	1		
7	A-6902-10-8	10 SAE X 1/2' FPX 45-	2		
8	H10-480-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 480 in long	1		
100	BL-6-275-H	3/8-16 X 2 1/2 HEX CAP G5 ZC	2		
101	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
102	BL-6-LW	3/8 SPLIT LW ZC	4		
103	BL-6-SW	3/8 SAE FW ZC	6		
104	BL-6-FWSS	3/8 USS FW SS	2		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
106	BL-4-550-H	1/4-20-5 1/2,Grade 5 Zinc,HCS	1		
107	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
108	BL-4-FW-8	1/4' Flat Washer Grade 8	2		

KIT-0234 EHC, Header Height Electric Update Kit for 190 Tomato (For Existing Hydraulic Header Height)

Benefits:

-Helps to control the cutting depth



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 6 hrs.

Will Fit: All 190 Tomato Harvesters w/ existing HHC

KIT-0234 EHC,190 Tomato,Header Height Electric Update Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	1.4277		
1	ARM-0069	HHC Arm, Electronic Header Height	1		
2	ARM-0070	Switch Mount, HHC	1		
3	BAR-0085	Switch Mount, Flat Plate, HHC	1		
4	SFT-HC07	HHC Shaft	1		
5	SHD-HC07	HHC Sheild, Electronic Switch	1		
6	ELC-318	18 Gauge-3 Conductor @ Foot	35		
7	ELS-22022	Limit Switch, Plunger Actuated, 10 Amp	2		
8	BR-100-ER	Bearing, 1' ER	2		
9	MOU-8006	Hydraulic Mounting, HC290 Harvester	2		
10	MOU-8007	Control Valve Mount, HC290 Harvester	2		
22	WT-14	Wire Tie 14 1/4'	25		
23	WT-17H	Heavy Duty Wire Tie 17.5'	12		
24	WT-7	Wire Tie 7'	12		
100	BL-4-150-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	2		
101	BL-4-FW-8	1/4' Flat Washer Grade 8	4		
103	BL-4-LW	1/4 SPLIT LW ZC	2		
104	BL-5-050-H	5/16-18 X 1/2 HEX CAP G5 ZC	4		
105	BL-5-LW	5/16 SPLIT LW ZC	4		
106	BL-5-FW-8	5/16 USS FLAT WASHER GR8 YEL ZINC	4		
107	BL-5-031-SC	5/16-18 x 5/16 Knurled Point Set Screw	4		
108	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	8		
109	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
110	BL-1032-050	10-32 x 1/2' Bolt	4		
111	BL-4-100-C	1/4 UNC X 1 CARRIAGE BOLT GR5 ZINC	2		
112	BL-4-N	1/4-20 HEX FIN NUTS ZC	6		
113	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
600	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	2	20095001-	

601	A-6900-10-8	10 SAE x 1/2 FPX	2	
602	A-6901-6-6	6 SAE x 3/8' FPX 90°, Forged	0	
603	A-6408-10	10 SAE Plug	2	
604	A-6900-6-6	6 SAE x 3/8' FPX	1	
605	H4-110-6MP-6MP	1/4' Hose 3/8MP x 3/8MP x 110' Long	1	
606	H4-81-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 81 in long	1	
607	H8-75-8MP-8MP	1/2 in. hose 75 in. 1/2 x 1/2	2	
608	ELC-18-R	18ga Wire - Red	15	
609	ELC-18-B	18 Gauge Wire, Black @ Foot	4	
610	ELC-318-10	Control Cord EHC, Dual Cucumber	1	
611	ELC-2612	1/2' Plastic Cord Connector	4	
612	ELC-TAPE	Vinyl Electrical Tape, 1/2" x 60	2	
613	ELC-16-R	16 Gauge Wire, Red	1.5	
614	ELL-25-0	1/4' Wire Loom @ft	4	
615	EL-73980	Light Relay, (with mounting bracket), 12 DCV, 20/30 Amp	1	19701-
616	ELT-30511	Female Push On 18-22 ga	4	
617	EL-101	Lock Nut for Electrical Connectors 1/2'	1	
618	ELT-31004	Terminal Ring, 1/4", 16-14 Gauge, Non-insulated	1	
619	EL-14D0	Switch Boot	1	
620	ELS-3MLB	Switch, 3 Pos Momentary (long bat) on-off-(on)	1	
621	ELL-375	3/8' Wire Loom @ft	28	
622	ELT-30753	Snap Spade Terminal #6 x 22-18 Red	8	
623	HVE-1012	Valve Stack (1 Station)	1	

KIT-0235 EHHC, Complete Header Height for 190 Tomato

Benefits:

- Helps to control the cutting depth



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 12 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0235 EHC,190 tomato Complete Header Height Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	BL-1024-553	Stud, Hydraulic Valve, 5.535in Long	4		
	EL-30036	Male Terminal	2		
	EL-30037	Female Terminal	2		
	EL-38062	Male Body	1		
	EL-38063	Female Body	1		
	EL-39000	Cable Seal	4		
	EL-5010	End Clamp for Terminal Block	1		50 Pc. Min. Order
	EL-5153	End Plate for Terminal Block	1		
	EL-0015	DIN Rail 6Ft	0.5		
	EL-0153	Terminal Block	13		
	ELC-1006	Valve Driver, PVD3D2R	1		
	ELC-1008-C	Wiring Harness For ELC-1008	1		
	ELC-1009	Control Cord, HHC, 190	1		
	ELC-218	18 Gauge-2 Conductor @ Foot	28		
	ELC-518	18 Gauge-5 Conductor @ Foot	4		
	ELE-2016	Control Box for Dual Remote	1		Polycarbonate Enclosure with Lid
	ELP-14	Steel Electrical Panel	1		
	ELT-31713	Push On Female Terminal 14-16 ga.	1	HV-1045K	
	ELT-32715	Full Insulated Female Push On 10-12ga	2		
	ELT-9806	Adhesive Base	2		
	HC-200-0808-1	Hydraulic Cylinder, 2' x 8', #8 SAE Ports	0		Seal kits depend on manu. HC-200-0808-1-SK or HC-200-0808-1-SK1
	HVE-1018	Valve Stack, Single, Proportional Valve	1		
0	0020	Shop Labor	3.043		
1	ACT-042B-2	Actuator, Wired For any Length Harness, 08 and Later	1		
2	ADJ-HC99	Adjuster, Wheel Control Height Adj, HHC	1		
3	ARM-0069	HHC Arm, Electronic Header Height	1		
4	ARM-0070	Switch Mount, HHC	1		
5	ARM-HC99R	Arm, Right, Control Wheel, HHC	1		

7	BAR-9023	Bar, AHHC Trailing Wheel Mount	1	
8	BR-100-ER	Bearing, 1' ER	6	
9	CH-3-28	3/16 LINK CHAIN 28 LINKS	2	
11	ELC-042B-28	Actuator Cable Only 28' 08 to Present	1	
13	KEY-4-4-12	SHAFT KEY 1/4"x1/2" SQUARE CUT (1018)	2	
14	MOU-103	Mount, Wheel Arm Bar Support, HHC, Cuc & Tom	2	
15	MOU-HC03	Mount, Trailing Wheel Arms, HHC, 2003	1	
16	PL-6192	Depth Disk Wheel, 14.375 Dia.	1	
17	PL-HC99	Plastic, Chain Guard Wheel Arm, HHC	2	
18	SFT-HC07	HHC Shaft	1	
19	SHD-HC07	HHC Sheild, Electronic Switch	1	
20	SUP-8100	Support, Wheel Hold Up, Header Height, HC290	2	
21	WHL-HHC-99	Spider Wheel Assembly	1	
22	WT-14	Wire Tie 14 1/4'	25	
23	WT-7	Wire Tie 7'	25	
24	BAR-9022	Bar, AHHC Trailing Wheel Mount, Support Bar	1	
25	DC-ARROW	Decal, Yellow Direction Arrow	2	
26	DC-1047	Decal, HV-1047, White	3	Use w/HV-1047
27	DC-1184	Danger Decal, 3' x 16'	1	
28	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	15	
29	TL-1541	Top Link Ratchet Handle 20-28in.	2	TL-1541
30	ARM-1007	Sensor Arm	1	
31	SFT-HC12	Shaft, EHHC Control, Tomato Harvester	1	
32	CPL-1006	Helical Beam Shaft Coupling 1/4x3/8	1	
33	SFT-HC11	Shaft, HHC Control	1	
34	ELC-1008	Rotary Sensor, Single Output BEI	1	
100	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	2	
101	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	4	
102	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	4	
103	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	2	
104	BL-4-175-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	1	

105	BL-4-400-H	1/4-20 X 4 HEX CAP G5 ZC	4	
106	BL-4-FW-8	1/4' Flat Washer Grade 8	20	
107	BL-4-LN	1/4-20 HEX LN NE ZC	14	
108	BL-4-LW	1/4 SPLIT LW ZC	4	
109	BL-5-031-SC	5/16-18 x 5/16 Knurled Point Set Screw	8	
110	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4	
111	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4	
112	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	7	
113	BL-6-LW	3/8 SPLIT LW ZC	4	
114	BL-6-SW-8	3/8 SAE FW G8 , Yellow Zinc, Thru Hardened	20	
115	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	2	
116	BL-8-475-H	1/2-13 X 4 1/2 HEX CAP G5 ZC	4	
117	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	4	
118	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	5	
119	BL-8-SW-8	1/2 SAE FW G8 ZC	5	
120	BL-10-325-H	5/8 UNC X 3 1/4 HH C/S BOLT GR ZINC	1	
121	BL-10-LN	5/8-11 HEX LN NE ZC	1	
122	BL-10-SM	5/8 x 1 x 14ga Shim	5	
123	BL-10-SW	5/8 SAE FW ZC @	5	
125	BL-4-175-HFT	1/4-20 X 1-1/2 HEX CAP G5 ZC, Fully Threaded	1	
126	BL-4-200-HFT	1/4-20 X 2 HEX CAP G5 ZC, Fully Threaded	1	
127	BL-4-N	1/4-20 HEX FIN NUTS ZC	2	
128	BL-6-325-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	3	
129	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	1	
130	BL-1032-050	10-32 x 1/2' Bolt	4	
600	A-1501-6-6	3/8' MP x 3/8' FPX90-	4	
601	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	2	
602	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	2	20095001-
603	A-6900-10-8	10 SAE x 1/2 FPX	3	
604	A-6901-10-8	10 SAE x 1/2 FPX90-, Forged	1	
605	A-6955-8-6-6	8 SAE x 3/8' FPX Tee	4	

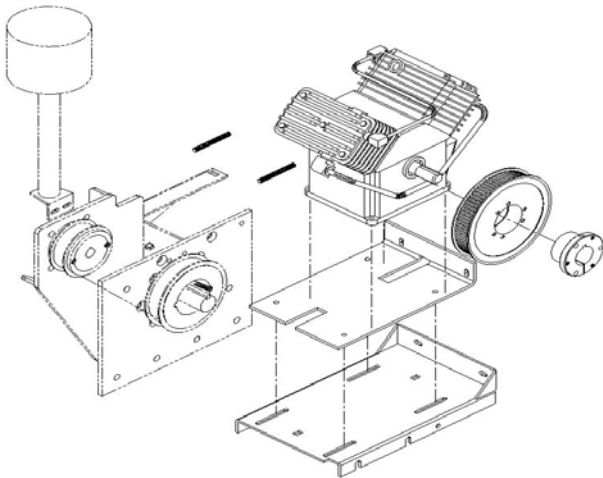
606	A-6901-8-6	8 SAE x 3/8' FPX90-, Forged	2	20095001-
607	A-6901-6-6	6 SAE x 3/8' FPX 90-, Forged	1	
608	A-6900-6-6	6 SAE x 3/8' FPX	1	
609	A-6408-10	10 SAE Plug	2	
610	H4-90-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 90 in long	1	
611	H4-29-6MP-6MP	1/4 in. hose 3/8MP x 3/8MP x 29 in long	1	
612	H4-110-6MP-6MP	1/4' Hose 3/8MP x 3/8MP x 110' Long	1	
613	H4-81-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 81 in long	1	
614	H10-75-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 75 in long	2	
616	HC-175-0808-1	Hydraulic Cylinder, 1 1/2" x 8", #8 SAE Ports	0	Seal kits depend on manu. HC-175-0808-1-SK or HC-175-0808-1-SK1
617	HC-300-2408-RP	3 x 24 Rephasing Cylinder	1	Seal Kit Part No. HC-300R-125 (639558)
618	HC-275-2408-RP	2 1/2" x 24 Rephasing Cylinder	1	Seal Kit Part No. HC-250R-112 (639557)
619	HC-1130B	Hair Pin Clip	8	
621	HC-1129-A	Hyd. Cyl Pin, 1" x 2 1/2" Between the Grooves	4	
622	HA-1031	Hydraulic Hose Holder 3/8	4	
623	HV-1977	Header Height, Leveling Circuit Valve	1	
624	ELC-318	18 Gauge-3 Conductor @ Foot	35	
625	ELE-0014	Actuator, Main Junction Box	1	
626	ELC-318-11	EHHC Control Cord, Single Tomato	1	
627	EL-5800	Diode	8	
628	ELC-0009	Actuator Control Cord, Control Box to Electrical Panel	1	
629	EL-0007	Actuator Control Box, Single	1	
630	EL-73980	Light Relay, (with mounting bracket), 12 DCV, 20/30 Amp	1	19701-
631	ELS-2T-15	Switch 2 Pos Toggle 1" Bat (15 Amp)	1	
632	ELC-318-12	Cord, Single EHHC	1	
633	ELL-25-0	1/4" Wire Loom @ft	12	
634	ELC-18-B	18 Gauge Wire, Black @ Foot	4	
635	ELC-16-R	16 Gauge Wire, Red	1.5	
636	ELL-375	3/8" Wire Loom @ft	28	
637	ELC-TAPE	Vinyl Electrical Tape, 1/2" x 60	2	

638	ELC-18-RB	18 Gauge Wire,Red with Black Striping	1	
639	EL-101	Lock Nut for Electricial Connectors 1/2'	1	
640	ELC-2612	1/2' Plastic Cord Connector	4	
641	ELC-18-R	18ga Wire - Red	1	
642	EL-14D0	Switch Boot	1	
643	ELT-31755	Snap Spade Terminal #10 x 14-16ga	1	HV-1045K
644	ELT-31753	Snap Spade Terminal, #6, 16-14 Blue	4	
645	ELT-31004	Terminal Ring, 1/4',16-14 Gauge,Non-insulated	1	
646	ELT-30753	Snap Spade Terminal #6 x 22-18 Red	2	
647	ELT-30511	Female Push On 18-22 ga	6	

KIT-0236 Compressor to JU Series for 190 Tomato (w/ existing KIT-0186, Pony Pump)

Benefits:

- More CFM of Air
- Heavier duty Air Compressor



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 3 hrs.

Will Fit: All 190 Tomato Harvesters

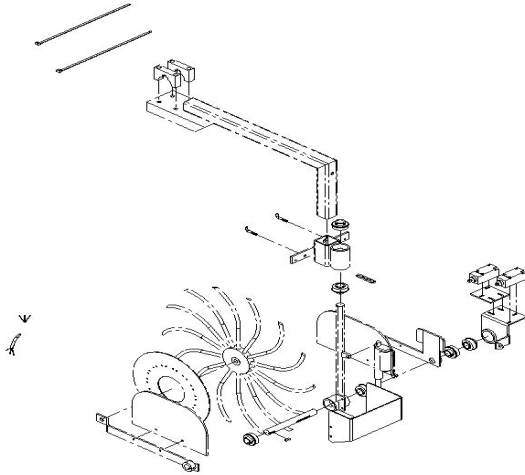
KIT-0236 Compressor To JU Series,190 (With Existing Kit-0186) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	AIR-1508	Air Compressor--Large	1		彦our Cylinder, single stage pump. • .5' bore x 3.25' stroke. 姬ump has 16' flywheel. 匹FM displ. 28.8 w/ 5 HP motor 筆in. RPM 450 Max RPM 775 桧il capacity 48 oz. 姬ump weight 175#
2	MOU-1512	JU Compressor Slide Plate	1		
3	MOU-1513	Compressor Mount JU Series 190	1		
4	PU-80-8M-30-SK	Primary Weight Pulley HTD	1	1910119115	
5	PU-SK-18	Bushing, SK x 1 1/8'	1		

KIT-0237 Upgrade AHHC to EHC for 290 Tomato

Benefits:

- Replaces Rotary Valve
- Easier setup
- Quick replacement of switches



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 8 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0237 290 Upgrade AHHC to EHHC Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	1.5385		
0	A-6900-6-6	6 SAE x 3/8' FPX	4		
0	A-6901-10-8	10 SAE x 1/2 FPX90–, Forged	2		
0	BR-100-ER	Bearing, 1' ER	2		
0	HVE-1013	2 Bank DO3 Valve	1		
3	ARM-0069	HHC Arm, Electronic Header Height	2		
4	ARM-0070	Switch Mount, HHC	2		
6	BAR-0085	Switch Mount, Flat Plate, HHC	2		
10	ELC-318	18 Gauge-3 Conductor @ Foot	35		
12	ELS-22022	Limit Switch, Plunger Actuated, 10 Amp	4		
18	SFT-HC07	HHC Shaft	2		
19	SHD-HC07	HHC Sheild, Electronic Switch	2		
22	WT-14	Wire Tie 14 1/4'	40		
23	WT-17H	Heavy Duty Wire Tie 17.5'	12		
24	WT-7	Wire Tie 7'	40		

KIT-0238 6 Bank Valve for 190 Tomato

Benefits:

- Will withstand higher Hydraulic pressures
- Tractor Hydraulics run cooler



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 6 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0238 6 Bank Valve For 190 Harvesters (Overhead Lift, No HHC)

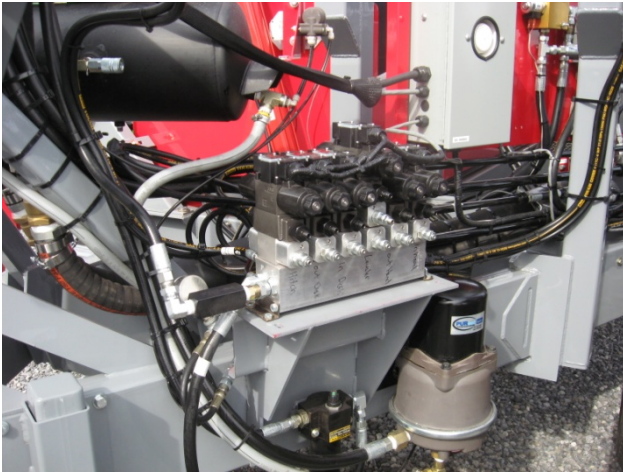
Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	3.8462		
0	A-6408-10	10 SAE Plug	2		
0	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	12	20095001-	
0	A-6901-10-8	10 SAE x 1/2 FPX90–, Forged	2		
0	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
0	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
0	BL-6-SW	3/8 SAE FW ZC	8		
0	MOU-0215	Mount, DO3 Valve Adaptor Plate,08 & Earlier	1		
1	HVE-10192	DO3 Valve Bank for 190 Harvester(10SAE/IN/OUT)	1		

KIT-0239 5 Bank Valve for 190 Tomato (w/ existing EHHC)

Benefits:

- Will withstand higher Hydraulic pressures
- Tractor Hydraulics run cooler



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 6½ hrs.

Will Fit: All 190 Tomato Harvesters (w/ Existing Electric Header Height)

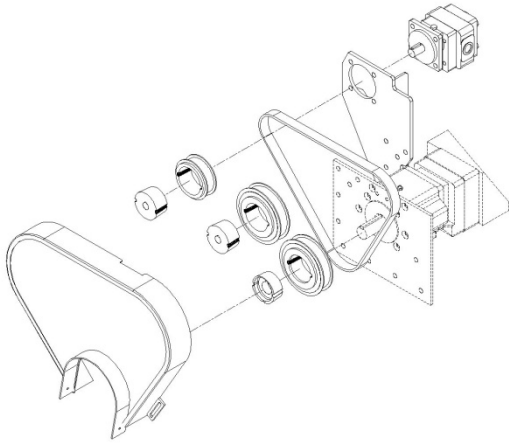
KIT-0239 5 Bank Valve(190 Harv.W/Existing EHHC) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	3.8462		
0	A-1603-8-8-8	Swivel T 1/2' NPTF	1		
0	A-6408-10	10 SAE Plug	2		
0	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	10	20095001-	
0	A-6901-10-8	10 SAE x 1/2 FPX90–, Forged	2		
0	MOU-0215	Mount, DO3 Valve Adaptor Plate,08 & Earlier	1		
1	HVE-10195	5 Bank Valve for 190 Harvester(10SAE IN/OUT)	1		

KIT-0240 Pony Pump, JU Compressor for 190 Tomato

Benefits:

- Runs cooler
- More CFM of air
- Heavier duty



Price: \$

Availability: Special Order

Can Be Installed: Anytime

Approx. Time Required to Install: 6 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-0240 Pony Pump,190 Harvester(JU Compressor) Parts List

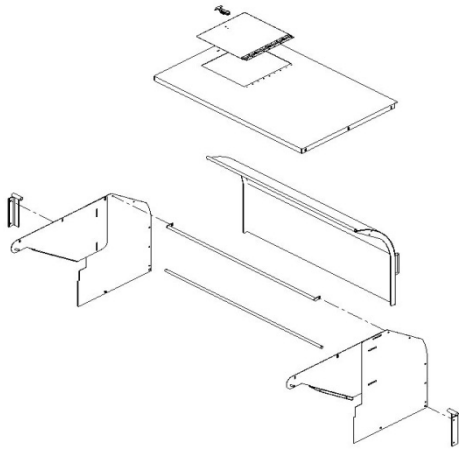
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHD-0137	Pony Pump Shield	1	SHD-0137	
2	MOU-0111	Mount, Pump Pony, 190 Tomato	1		
4	HP-2100-150-1	Hydraulic Pump	1		At 1800 RPM, 21.5 GPM @ 2000 PSI At 1200 RPM, 14 GPM @ 2000 PSI
5	PU-80-8M-30-SK	Primary Weight Pulley HTD	1	1910119115	
6	PU-64-8M-30- 2517BO	Pulley, Bored Out	1		
7	BT-1440-8M-30	HTD Belt 1440mm	1		
8	KEY-4-4-16	Shaft Key 1/4' X 1/4' X 1' Square Cut (1018)	1	20095001-	
8	PIN-4-16-C	1/4' x 1' Coil Pin	1		
9	PU-2517-24-6BO	Taper Lock, Bored Out, Pony Pump	1		
10	PU-2012-16	Taperloc Bushing - 1' Bore	1		
11	PU-SK-18	Bushing, SK x 1 1/8'	1		
12	PU-42-8M-30-2012	HTD Pulley	1		
100	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4		
101	BL-8-175-H	1/2-13 X 1 1/2 HEX CAP G5 ZC	4		
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
103	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2		
104	BL-4-FW-8	1/4' Flat Washer Grade 8	8		
105	BL-4-LN	1/4-20 HEX LN NE ZC	2		
106	WT-17H	Heavy Duty Wire Tie 17.5'	30		
107	BL-8-SW-8	1/2 SAE FW G8 ZC	16		
108	BL-6-175-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	1		
109	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	1		
110	BL-6-LW	3/8 SPLIT LW ZC	1		
111	BL-6-N	3/8-16 HEX NUTS ZC	1		
601	A-1603-8-8-8	Swivel T 1/2' NPTF	1		
602	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1		
603	H20-S	1 1/4' Suction Hose @ft	7		

604	A-6806-10-8	10 SAE x 1/2' MP 90°	1	
605	AN-32-HS	2' NPT, Combination Nipple/Hose Shank, 2' ID Hose	2	
606	A-5404-12-12	Hex Nipple 1/2" x 1/2"	1	
607	A-6901-10-8	10 SAE x 1/2' FPX90°, Forged	1	
608	A-6901-12-8	12 SAE x 1/2' FPX 90°, Forged	2	
609	A-1603-12-12	Swivel T 1/2" NPTF	1	
610	A-6902-10-8	10 SAE X 1/2' FPX 45°	1	
611	ATB-06-06-06	3/8' x 3/8' x 3/8' Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
612	H6-PL-140	3/8' Push Loc Hose 140'	1	
613	H10-44-8MP-8MP	5/8 in Hose 1/2mp x 1/2MP x 44in Long	2	
614	H10-215-8MP-12MP	5/8 Hose x 1/2MP x 3/4 MP x 215 Long	1	
615	H10-460-8MP-8MP	5/8in Hose x 1/2MP x 1/2MP x 460in Long	1	
616	A-4644-20-20	1 1/4' Hose Barb x 20 SAE Male Straight	1	
617	AN-20-HS	1 1/4" NPT, Combination Nipple/Hose Shank, 1 1/4' ID Hose, Plated	1	
618	ASL-20	1 1/4' Street Elbow	1	
619	AT-32-32-20	2 x 2 x 1-1/4 FPT Black Malleable Tee	1	
620	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	1	
621	CL-10	Single Snap Grip Clamp for 3/8' Push Loc Hose	3	Use with ATB-06-06-06
622	CL-125	1 1/4'Hose Clamp, Heavy Duty T-Bar, 1.5625'-1.875'	2	
623	CL-225	2 1/4' T-Bolt Clamp	2	
624	A-6900-12-8	12 SAE x 1/2' FPX	1	

KIT-0245 Vine Chopper, Top Panels, Upgrade Kit for 290 Tomato

Benefits:

-Better flow of vines and weeds to chopper



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 290 Tomato Harvesters w/ a chopper

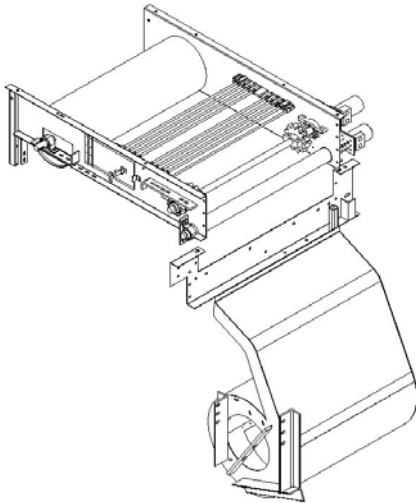
KIT-0245 Upgrade Kit, 290 Vine Chopper Top Panels Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BL-4-150-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	2		
0	BL-4-FW	1/4 USS FW ZC	4		
0	BL-4-LN	1/4-20 HEX LN NE ZC	2		
0	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	25		
0	BL-6-FW-USS8	3/8 FLAT WASHER, Large OD, G8 ZC	50		
0	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	25		
0	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	18		
1	SFT-2017	Pivot Shaft, 290 Tomato	1		
2	MOU-2016	Support Mount, Chopper, 290 Harvester	1		
3	PAN-2016	Panel, Vine Chopper, Left Side, HC290	1		
4	PAN-2017	Panel, Vine Chopper, Right Side, HC290	1		
5	PAN-2018	Panel, Vine Chopper, Left Side, HC 290	1		
6	PAN-2019	Panel, Vine Chopper, Right Side, HC290	1		
7	MOU-2018	Chopper Shield Pivot, 290 Tomato	1		
8	MOU-2019	Shield Pivot, 290 Tomato	1		
9	SHD-2012	Top Sheild, 290 Vine Chopper	1		
10	SHD-2016	Chopper Shield 290 Tomato	1		
11	SHD-8404	Shield, Access, Transfer, HC290 Tomato	1		
12	LA-1530	Medium Rubber T Latch Assembly	2		

KIT-0247 Fan Extension for 290 Tomato

Benefits:

- Better air performance
- Gets rid of more trash



Price: \$

Availability: Special order

Can Be Installed: Anytime (preferred off season)

Approx. Time Required to Install: N/A

Will Fit: All 290 Tomato Harvesters

KIT-0247 Fan Extension, 290 Harvester Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BL-1032-050	10-32 x 1/2" Bolt	18		
1	PAN-8528	Panel, Rear Debris Drum, 290 Harvester (2011)	1		
2	PAN-8529	Front Panel, Debris Drum, 290 Harvester(2011)	1		
3	193-806A	Motor mount stop	1		
4	193-915	Stop, Discharge Motor	1	19301-	
5	BRA-8115	Fan Mount, Debris Fan, HC290 Tomato	1		
6	BRA-8116	Bracket, Fan Mount, HC290 Tomato	1		
7	FAN-8511	Fan Housing, Debris Drum, HC290 Tomato	1		
8	FAN-8512	Access Panel, Debris Fan, HC290 Tomato	1		
9	LA-703	Large Rubber T Latch Assembly	3		
10	rls-8002	Debris Drum, 290 Harvester	1		
11	SHD-8510	Shield, Door, Debris Chamber, 290 Tomato	1		
12	SHM-062-250	Shim, 062 Stamped Bearing Housing	2		
13	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
14	RLR-040-108	4" Flat Roller	2		Changed to Urethane in 2006
15	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	2		
16	BR-125-062	Bearing, 1 1/4" Fafnir tri-seal, 62mm OD	2		
17	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
18	BC-7-3636-26	Cross Chain, High Capacity Tomato, 26 Links	1		
20	COV-703	Cover, Fan Clean-Out Door	1	19701-	
21	SHD-8504	Scaper Shield, Debris Chamber, HC290	1		
601	H2-16-2MP-2MP	1/8" in grease hose 1/8MP x 1/8MP x 16 in long	1		
602	AC-2	1/8" NPT Coupler	1		
804	BC-1032-LN	10-32 lock nuts	18		
805	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	16		
806	BL-4-FW	1/4" USS FW ZC	20		
807	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	10		
808	BL-4-LN	1/4-20 HEX LN NE ZC	10		

809	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	4
810	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4
811	BL-8-SW	1/2 SAE FW ZC	8
812	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	10

KIT-0248 Gathering Chain Shaft Upgrade for 290 Tomato

Benefits:

- Heavier shafts (1¾ shaft)
- Heavier bearings



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 6 hrs.

Will Fit: All 290 Tomato Harvesters

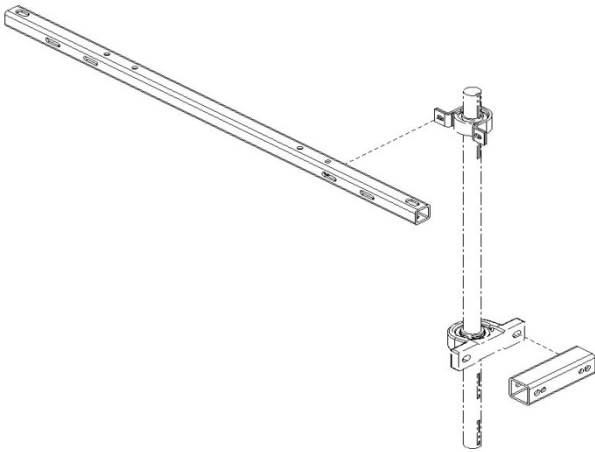
KIT-0248 Gathering Chain Shaft Upgrade, 290

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	CPS-2820	Steel Coupler 1 1/4" x 1 1/4" ID with 3/8" Keyway on 1 1/4" ID	2		
2	BR-175-085	Fafnir Bearing 1 1/4" Tri Seal	4		
3	BR-085-RAK	Bearing Housing 85 mm	4		
4	SP-80B11-28-6	Hardened Tooth Sprocket, #80, 11 Tooth, 1.75" Bore with 3/8" Keyway	2		
5	SFT-8250	Gathering Chain Shaft, Tomato 1-3/4" Shaft	2		
6	SP-3612-28-6-H	36-12 Heat Treated Sprocket	4		
7	KEY-5-6-24	Keystock 5/16 x 3/8 x 1 1/2"	2		5/16 x 3/8 x 1.5" Long
8	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	3		
9	SC-28-2	Shaft Collar, 2 piece 1 3/4" bore	2		
100	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4		
101	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	4		
102	BL-8-SW	1/2 SAE FW ZC	16		
103	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		

KIT-0249 Gathering Chain Drive Spacer Kit for 190 Tomato

Benefits:

-Space Gathering Chain 2" in from each side to help keep trash from building up at the corners of the Disk Header Frame



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 190 Tomato Harvesters

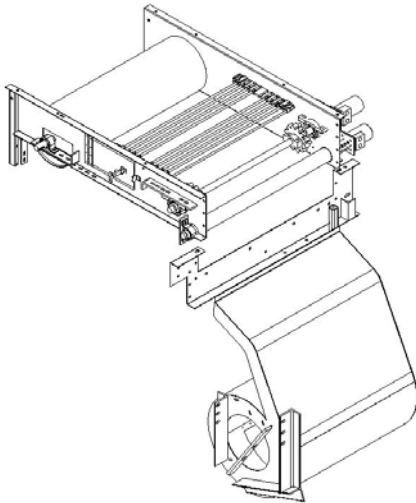
KIT-0249 Gathering Chain Drive Spacer Kit,190 Tomato Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-2200	Bearing Spacer Tube Gathering Chain Drive,190	2		
2	MOU-2201	Mount Tube,Top Bearing W/ Spacer Blocks Disk Header,190	1		
100	BL-6-350-H	3/8-16 X 3 1/2 HEX CAP G5 ZC	4		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
102	BL-6-SW	3/8 SAE FW ZC	8		
103	BL-8-350-C	1/2' UNC x 3 1/2 Carriage Bolt GR5 Zinc	4		
104	BL-8-SW	1/2 SAE FW ZC	8		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		

KIT-0250 Fan Extension for 290 Tomato w/ Full Cross Chain

Benefits:

- Better air performance
- Gets rid of more trash



Price: \$

Availability: Special order

Can Be Installed: Anytime (preferred off season)

Approx. Time Required to Install: N/A

Will Fit: All 290 Tomato Harvesters

KIT-0250 Fan Extension,290 Harvester, w/ Full Cross Chain Parts List

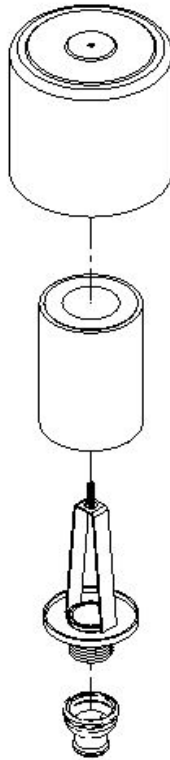
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8529	Front Panel, Debris Drum, 290 Harvester(2011)	1		
2	PAN-8528	Panel, Rear Debris Drum, 290 Harvester (2011)	1		
3	SFT-0209	Debris Fan Shaft	1		
4	BR-072-RAK	72mm Cast Housing	2		
5	BRA-8115	Fan Mount, Debris Fan, HC290 Tomato	1		
6	BRA-8116	Bracket, Fan Mount, HC290 Tomato	1		
7	FAN-8511	Fan Housing, Debris Drum, HC290 Tomato	1		
8	FAN-8512	Access Panel, Debris Fan, HC290 Tomato	1		
9	LA-703	Large Rubber T Latch Assembly	3		
10	RLS-8002	Debris Drum, 290 Harvester	1		
11	SHD-8510	Shield, Door, Debris Chamber, 290 Tomato	1		
12	193-806	Mount motor	2		
13	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
14	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
15	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2' bore, no flange	2		
16	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	4		
17	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	4		
18	BC-7-3636-140	Belted Chain, Cross Chain, 290 Harvester, Fan Extension	1		
19	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
20	193-806A	Motor mount stop	3		
21	COV-703	Cover, Fan Clean-Out Door	1	19701-	
22	SHD-8504	Scaper Shield, Debris Chamber, HC290	1		
100	BL-1032-050	10-32 x 1/2' Bolt	18		
101	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	5		
102	BC-1032-LN	10-32 lock nuts	18		
103	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	16		
104	BL-4-FW	1/4 USS FW ZC	20		
105	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	10		

106	BL-4-LN	1/4-20 HEX LN NE ZC	10
107	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	4
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4
109	BL-8-SW	1/2 SAE FW ZC	8
110	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	10
601	H2-16-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 16 in long	1
602	AC-2	1/8' NPT Coupler	1

KIT-0251 Air Filter, Compressor Intake Upgrade for 190 Tomato

Benefits:

-Requires less cleaning



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 20 mins.

Will Fit: All 190 Tomato Harvesters

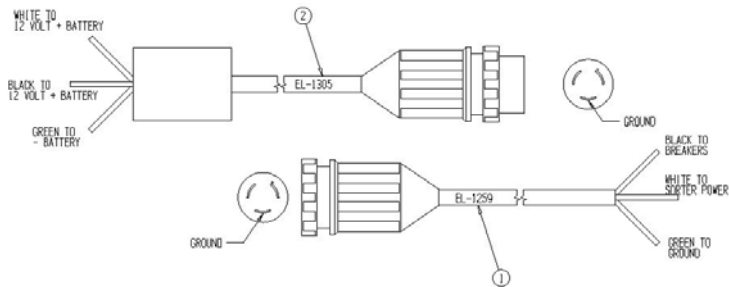
KIT-0251 Air Filter, Compressor Intake,Upgrade Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	AIR-1510	2 7' Air Filter	1		
2	AR-40-24	2 1/2' x 1 1/2' Bell Reducer	1		

KIT-0252 50 amp Plug w/ Power Cord for 190 Tomato

Benefits:

-Upgrade from 15 amp cord



Price: \$

Availability: Stock

Can Be Installed: Anytime

Approx. Time Required to Install: 25 mins.

Will Fit: All 190 Tomato Harvesters

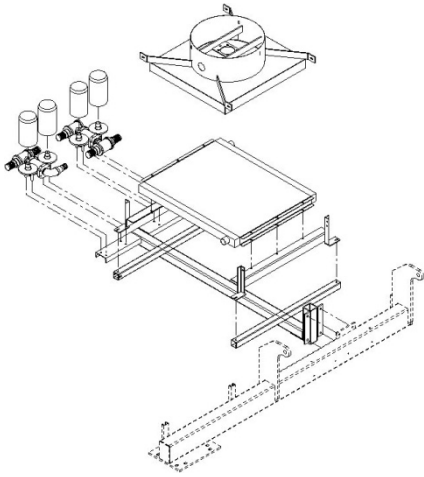
KIT-0252 50 Amp Plug and Connector w/Power Cord Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	EL-1259	Power Cable 50 Amp (Machine End Only)	1		
2	EL-1305	Power Cable Assembly (Tractor Only) 50 Amp	1		

KIT-0253 Larger Oil Cooler Kit, New Filters Included, for 290 Tomato

Benefits:

- Higher cooling capacity
- Higher flow



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 8 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0253 Larger Oil Cooler Kit, New Filters Included (2010) 290 Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BAR-0253	Flat Bar	1		
0	H40-S-38	2-1/2in Suction Hose 38in Long	1		
1	HA-1036	Oil Cooler	1		
2	AN-24-CL	1 1/2' Black (Nipple Close)	3		
3	AT-32-24-32	2 x 1 1/2 x 2 Reducing Tee	3		
4	AN-24-32-HS	1 1/2' Male NPT with Combination 2' Hose Barb	1		
5	HA-1029	Hydraulic Fluid Filter, 11'	4		
6	ASL-24C	1 1/2', Street Elbow, Cast	1		
7	AN-32-HS	2' NPT, Combination Nipple/Hose Shank, 2' ID Hose	4		
8	HA-1023-Z	Double Filter Head, Side by Side	2		
9	AB-32-16	2' x 1' Bushing, Black Iron Domestic	1		
10	CL-225	2 1/4' T-Bolt Clamp	10		
11	CL-250	T-Bolt Clamp for 2 1/2' Suction Hose	8		
12	A-1601-16-12-12	1'MP x 1/2'FPX x 1/2'FPX Tee	1		
13	SHD-0207	Fan Shroud, Lg Oil Cooler, Harvester	1		
14	FRM-8253	Oil Cooler Frame, 290 Tomato Harvester	1		
15	AN-32-96	2' x 6', NPT Nipple, Schedule 40	1		
16	ARL-24-32-90	Reducing Elbow, 1 1/2 x 2in 90°	2		
17	AL-32	2' NPT, Black Elbow	1		
18	A-6401-24-24	24 SAE x 1 1/2 MP	1		
20	AN-32-40-HS	2' NPTx 2 1/2' ID Hose, Combination Nipple/Hose Shank	3		
21	A-4459-40-32	Flange Nipple, 2-1/2' barb x 2 flange' 90°	1		
22	A-6408-12	12 SAE Plug	1		
23	H40-S-188	2 1/2in Suction Hose x 188in	1		
24	MOU-0207	Mount, Oil CoolerSupport	2		
25	H32-13	2in Hose x 13in Long	2		
26	ASL-32-45	2' Street Elbow, 45°, Cast	1		
27	H12-90-12MP-12MP	1/2 in hose 1/2 x 1/2 x 90 in long	1		

28	A-6806-24-24	24 SAE x 1 1/2 Male Pipe, 90°	1
101	BL-6-300-H	3/8 UNC X 3 HH C/S BOLT GR5 ZINC	4
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4
103	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	14
104	BL-6-LW	3/8 SPLIT LW ZC	14
105	BL-6-FW-USS8	3/8 FLAT WASHER, Large OD, G8 ZC	16
106	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8

KIT-0254 D03 Valve Replacement for 290 Tomato

Benefits:

- Low maintenance
- Less leakage
- Alleviates problems with higher pressure hydraulic systems



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 290 Tomato Harvesters

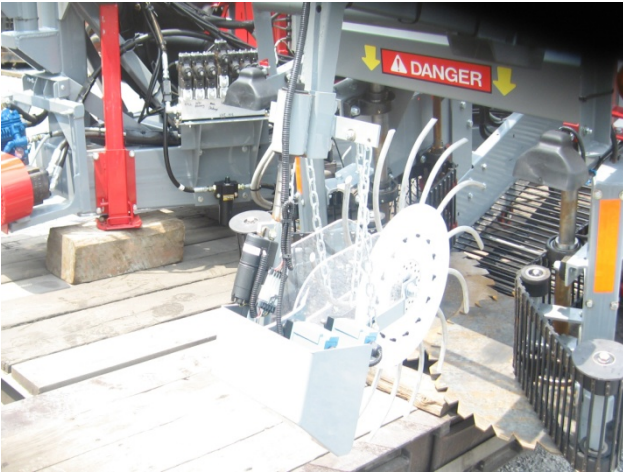
KIT-0254 DO3 Valve Repacement, HC290 Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-1000	Control Valve for 290 Harvester	1		
2	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	14	20095001-	
3	A-6901-10-8	10 SAE x 1/2 FPX90–, Forged	2		
4	A-6408-10	10 SAE Plug	2		

KIT-0255 D03 Valve for 190 Tomato (w/ Overhead Lift, Single HHC)

Benefits:

- Low maintenance
- Less leakage
- Alleviates problems with higher pressure hydraulic systems



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: 190 Tomato Harvesters w/ Overhead Lift, Single HHC

KIT-0255 DO3 Valve for 190 Tomato (Overhead Lift, Single HHC) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-1016	190 Control Valve, Single HHC	1		
2	A-6900-8-6	8 SAE x 3/8" FPX With 7/8" Stock Body	14	20095001-	
3	A-6900-10-8	10 SAE x 1/2" FPX	2		
4	A-6408-10	10 SAE Plug	2		
5	MOU-0215	Mount, DO3 Valve Adaptor Plate, 08 & Earlier	1		
6	MOU-0210	DO3 7 Bank Valve Extension Mount	1		

KIT-0256 D03 Valve for Cucumber Harvester (w/ Single HHC)

Benefits:

-Replaces hydraulic rotary valve w/ electronic control

No Picture
Available

Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: Cucumber Harvesters w/ Single HHC

KIT-0256 DO3 Valve, Cucumber Harvester (Single HHC) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-3000	DO3 Valve, Cucumber Harvester	1		
2	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	14	20095001-	
3	A-6901-10-8	10 SAE x 1/2 FPX90-, Forged	4		
4	HV-1001	Pressure Reducing Valve Cartridge	1		
5	HV-1001-A	Body for Pressure Reducing Valve # 12 SAE ports	1		
6	HV-8-8MS	Metering Valve #8 SAE w/locking knob	1		
7	HA-1004-4	Test Point Plug #4 SAE Thread	1		
8	A-6901-12-8	12 SAE x 1/2' FPX 90-, Forged	1		
9	A-6900-6-8	6 SAE x 1/2' FPX	1		
10	A-6900-8-8	8 SAE x 1/2' FPX	2		
11	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
12	A-6901-12-8-4SAE	12 SAE x 1/2' FPX 90-w/4 SAE Port, Forged	1		
13	A-1603-8-8-8	Swivel T 1/2' NPTF	1		
14	H10-51-8MP-8MP	5/8'Hose x 1/2'MP x 1/2'MP x51' Long	1		
15	H8-24-8MP-8MP	1/2 in hose 1/2MPx 1/2MP x 24 in long	1		

KIT-0257 Top Shaker Covers for 290 Tomato

Benefits:

- Provides easy access to shaker chamber
- Better seal over top of shakers



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 8 hrs.

Will Fit: All 290 Tomato Harvesters

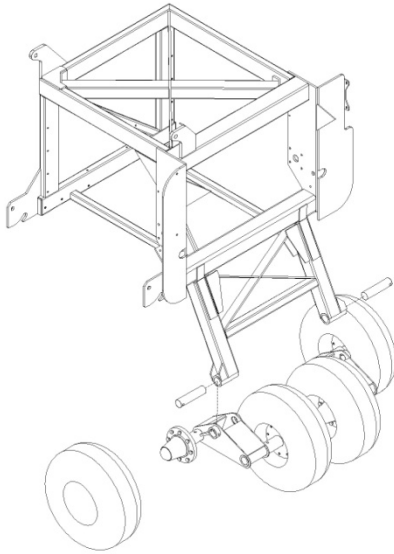
KIT-0257 290 Top Shaker Covers, 2010 Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-2020	Mouting Plate, Shaker Shield, HC290	1		
2	MOU-2021	Mounting Plate, Shaker Shield, HC290	1		
3	SFT-2020	Shaft, Shaker Shield, HC290	1		
4	SHD-2020	Shaker Shield, HC290	1		
5	SHD-2025	Hinge Bracket, Top, Rear, Shaker Cover, 290 Tomato Harvester	1		
6	SHD-2026	Door, Top, Rear, Shaker Cover, 290 Tomato Harvester	1		
7	SHD-2027	Door, Top, Rear, Inside, Shaker Cover, 290 Tomato Harvester	1		
8	SHD-2028	Hinge Bracket, Top, Front, Shaker Cover, 290 Tomato Harvester	1		
9	SHD-2029	Door, Top, Front, Inside, Shaker Cover, 290 Tomato Harvester	1		
10	SHD-2030	Door, Top, Front, Shaker Cover, 290 Tomato Harvester	1		
11	SFT-2021	Hinge Shaft, Top Doors, Shaker Cover, 290 Tomato Harvester	4		
12	SHD-2021	Primary Shaker Weight Cover	1		
13	SHD-2022	Shield, Secondary Shaker Weight	1		
100	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	11		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	11		
102	BL-6-FW	3/8 USS FW ZC	22		
103	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	30		
104	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	4		
105	BL-4-LN	1/4-20 HEX LN NE ZC	4		
106	BL-4-FW	1/4 USS FW ZC	8		

KIT-0258 Tandem Wheel for 6200 Vine Diverter

Benefits:

-Helps to stabilize the vine diverter



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 6 hrs.

Will Fit: All 6200 Vine Diverters

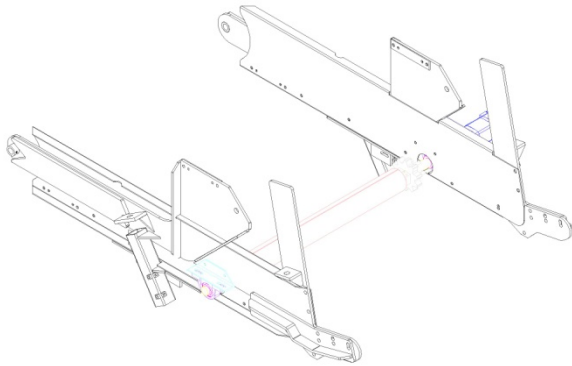
KIT-0258 Tandem Wheel, 6200 Vine Diverter Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-6205-H2	Tube	1		
2	FRM-6205-L2	Flat Bar	1		
3	FRM-6205-M2	Flat Bar	2		
4	WHL-6200	Hub and Spindle Assembly, 6200 Tandem	4		
5	WHL-6201	Walking Beam, RH, 6200 Vine Diverter	1		
6	WHL-6202	Shaft, Walking Beam, 6200 Vine Diverter	2		
7	WHL-6203	Walking Beam, LH Side, 6200 Vine Diverter	1		
8	WHM-6200	300/65-12 Tire, Mount 9in 6-6-4.625 Rim -.50 Offset	4		
100	BL-8-375-H	1/2 UNC X 3 7/8 HH C/S BOLT GR5 ZINC	6		
101	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		

KIT-0259 Split Header Chain for 290 Tomato

Benefits:

- Eliminates dirt
- Extends life of chain



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 10 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0259 Split Header Chain, 290 Tomato Harvester Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-0050	Lower Header Shaft, Split 53in Header Chain, 290 Tomato Harvester	1		
2	BR-085-RAK	Bearing Housing 85 mm	2		
3	BR-175-085	Fafnir Bearing 1 1/2" Tri Seal	2		
4	CPS-2820	Steel Coupler 1 1/2" x 1 1/4" ID with 3/8" Keyway on 1 1/2" ID	1		
5	HM-1420-CH	Char Lynn Motor	1		
6	MOU-1228	Mount, Motor, SAE A Two Bolt, Disk Header	1		
7	MOU-0094	Motor Stop, 290 Tomato Harvester	1		
8	MOU-0093	Bearing Mount, Split 53in Header Chain, 290 Tomato Harvester	1		
9	PL-8300	Plastic, PVC Pipe, Header, HC290 Tomato	2		
10	PL-1419	Plastic, Molded Hub for Drive Drum, 1 1/2" bore	2		
11	SPU-4210-28-6	42-10 Urethane Sprocket 1 1/2" bore 3/8" key	2		
12	KEY-6-6-16	Shaft Key 3/8" x 1"	1		
13	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	2		
14	KEY-5-5-20	Shaft Key 5/16" sq x 1 1/4" Square Cut (1018)	1		
15	GF-1428	Grease Fitting 1/4" x 28 straight	2		
16	CL-72	5" Gear Clamp	3		
17	RLT-540-2210	5" Flange Roller, 2.3 WF, 4" Dia., 5/8" Bore	2		Replaces RLR-540-2210, RLU-540-2210
19	BC-7-53-75-CN	Connecting Rod, 11mmx 53" Wide Belted Chain, 75mm Belting	2		
20	BC-F-42-32-UG	Ultra Gold F Connecting Clips 42-32 @ pair	2		Replaces BC-F-42-32
21	BC-3525	Snap Ring, 11mm.	8		
101	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	4		
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
103	BL-8-FW	1/2 USS FW ZC	8		
104	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2		
105	BL-4-150-H	1/4-20 X 1 1/2 HEX CAP G5 ZC	1		
106	BL-4-LN	1/4-20 HEX LN NE ZC	1		
107	BL-6-175-H	3/8-16 X 1 1/2 HHCS G5 ZC	4		
108	BL-6-FW	3/8 USS FW ZC	8		

109	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4
601	H12-36-12MP-12MP	1/2 in hose 1/2MP x 1/2MP x 36 in long	1
602	H12-108-12MP-12MP	1/2 in Hose 1/2MP x 1/2MP x 108' Long	1
603	A-1405-12-12	1/2 NPT coupler w/swivel	1
604	A-6901-10-12	10 SAE x 1/2 FPX90-, Forged	2

KIT-0260 Gauge Wheel Kit for 6200 Vine Diverter

Benefits:

-Stabilizes the machine



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 6200 Vine Diverters

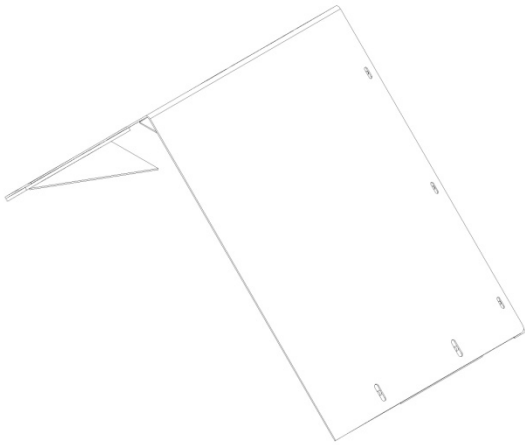
KIT-0260 Gauge Wheel Kit, 6200 Vine Diverter Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0020	Shop Labor	1		
0	BL-6-325-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	2		
1	WHL-6134	Depth Control, Vine Diverter	2		
2	whl-192-h	Gauge Wheel 480-12 (Heavy Duty)	2		
3	WHL-190	Gauge Wheel Hub and Spindle Complete	2		
4	WHL-178	Bearing Protector @Pair	1		
5	SPA-0058	Spacer Tube, Gauge Wheel, Vine Diverter	1		
6	SPA-0057	Spacer Tube, Gauge Wheel, Vine Diverter	1		
7	PIN-3-20	Roll Pin 3/16 x 1-1/4 Stainless Steel	4		Sold in Pkg. of 100
8	BL-14-N-HOLE	Nut W/ Holes, Disk Header	4		
9	ADJ-8203	Threaded Rod W/ Holes, Gauge Wheel, HC290	2		
10	ADJ-8202	Adjuster, Handle, Gauge Wheel, HC290 Tomato	2		
100	BL-4-LN	1/4-20 HEX LN NE ZC	2		
101	BL-4-FW	1/4 USS FW ZC	4		
102	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	2		
103	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	8		
104	BL-8-LW	1/2 SPLIT LW ZC	8		
105	BL-8-SW	1/2 SAE FW ZC	8		
106	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	8		

KIT-0261 Shield, Levelling Cylinder for 290 Tomato

Benefits:

-Eliminates dirt build up around leveling cylinder to frame area



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All (2009 & later) 290 Tomato Harvesters

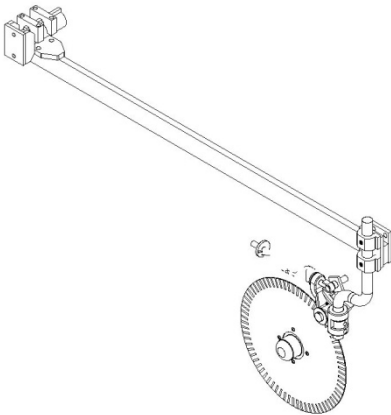
KIT-0261 Shield, Leveling Cylinder,290 Harvester(09-Later) Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	0000	Manufacturing Labor	0.333		
0	BL-4-075-C	1/4 UNC X 1/2 CARRIAGE BOLT GR5 ZINC	6		
0	BL-4-FW-8	1/4" Flat Washer Grade 8	6		
0	BL-4-LW	1/4 SPLIT LW ZC	6		
0	BL-4-N	1/4-20 HEX FIN NUTS ZC	6		
0	BL-5-125-H	5/16-18 X 1 1/4 HEX CAP G5 ZC	5		
0	BL-5-FW-8	5/16 USS FLAT WASHER GR8 YEL ZINC	10		
0	BL-5-LN	5/16-18 HEX LN NE ZC	5		
1	SHD-8101	Shield, Axle Cylinder Cover, 2010 290 Tomato Harvester	1		
2	SHD-8102	Shield, Leveling Cylinder, 290 Harvester	1		
3	FRM-8113-Q1	Sheet Steel	2		
4	FRM-8113-R1	Flat Bar	2		
5	FRM-8109-Z	Gusset	1		

KIT-0262 Coulter Kit for 290 Tomato

Benefits:

-Trims up rows for better in feed of head



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: ½ hr.

Will Fit: All 290 Tomato Harvesters

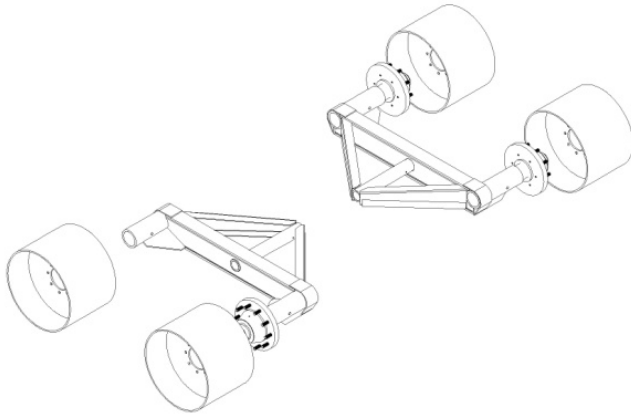
KIT-0262 Coulter Kit, 290 Harvester Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-8275	Mount Arm, Coulter, 290 Harvester	1		
2	MOU-8276	Mount, Coulter, Disk Head, 290 Harvester	1		
3	MOU-103	Mount, Wheel Arm Bar Support, HHC, Cuc & Tom	2		
4	CLT-132C	Offset Shank	1		Refer to manufacturer's literature.
5	CLT-324L	Utility Coulter	1		Refer to manufacturer's literature.
6	CLT-074C	Narrow Fluted Blade	1		Refer to manufacturer's literature.
7	CLT-064K	3' x 3' Clamp Kit	1		Refer to manufacturer's literature.
100	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	6		
101	BL-8-LW	1/2 SPLIT LW ZC	4		
102	BL-8-SW	1/2 SAE FW ZC	16		
103	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
104	BL-8-500-H	1/2-13 X 5 HEX CAP G5 ZC	4		

KIT-0270 Walking Beam Upgrade, 4" Hub Pkg.

Benefits:

- Upgrades the spindles to 18,000 lb capacity each
- Reduces the potential for hub/spindle failure



Price: \$

Availability: Special order

Can Be Installed: Off season

Approx. Time Required to Install: 6 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0270 Walking Beam Upgrade, 4" Hub Package

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	WHL-1210	Hub and Spindle Assembly 10 Bolt	4	4' Spindle	18K Rated
	WHL-8003	Wheel,HC290 Large Spindle	4		
	WHL-8105	Rocker, 18000# Spindles, 290 Harvester	1		
	WHL-8106	Rocker, 18000# Spindles, 290 Harvester, Sorter Side	1		

KIT-0271 Shaker Bearing Upgrade, QM Style Piloted Flange Brg

Benefits:

- Increases bearing life
- Reduces Shaker Box stress

No Picture
Available

Price: \$

Availability: Special order

Can Be Installed: Off season only

Approx. Time Required to Install: 8 hrs.

Will Fit: All 190 & 290 Tomato Harvesters

KIT-0271 Shaker Bearing Upgrade, QM Style Piloted Flange Brg

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	BL-8-150-H8	1/2x1 1/2 Grade 8 Hex Head	16		
	BL-8-225-H8	1/2 x 2 1/4,Grade 8,Hex Head	16		
	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	64		
	BL-8-LNS	1/2 Stover Lock Nut	32		
	BR-PFB-175	Round Piloted Flange with Spherical Roller Bearing, 1 3/4"	8		
	MOU-095	Shaker Bearing Mount, Backing Plate, QM Style	8		
	MOU-096	Shaker Bearing Mount, QM Style	8		

KIT-0272 Rubber Return Roller Kit, 190

Benefits:

- Less chain wear
- Reduces wear on the return rollers

No Picture
Available

Price: \$

Availability: Special order

Can Be Installed: Off season only

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 Tomato Harvesters

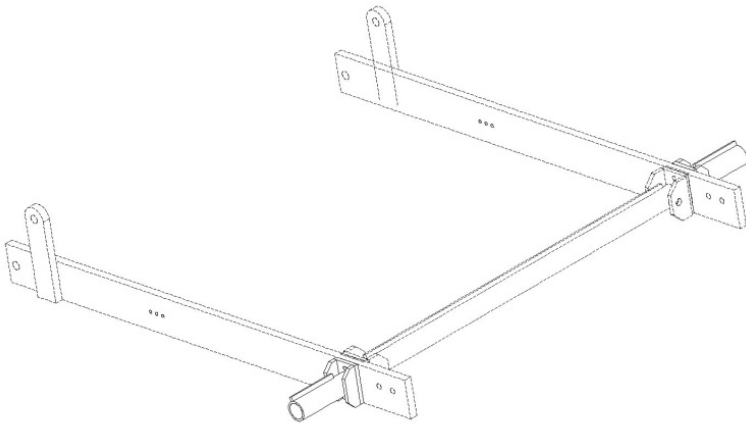
KIT-0272 Rubber Return Roller Kit, 190, Cross & Transfer

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	RLR-0016	Transfer Return Roller, Rubber, 190 Tomato	1		
	RLR-0026	Cross Return Roller, Rubber, 190 Tomato	1		
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	4		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	4		

KIT-0273 EHHC End Extension, 290, LH & RH

Benefits:

-Allows the EHHC to be moved to either side of the row



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 2 hrs.

Will Fit: All 290 Tomato Harvesters

KIT-0273 EHC End Extension, 290, LH & RH

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	BAR-8003	HHC Mount, Outside Header 290 Harvester	1		
	BAR-8005	HHC Mount, Inside Header 290 Harvester	1		

KIT-1203 Single Wheel System (for Both Sides) for 190 Tomato

Benefits:

- Better flotation
- Less mud build up on tire under color sorter
- Less resistance when turning



Price: \$

Availability: Special order – provide machine S/N

Can Be Installed: Off season only

Approx. Time Required to Install: 6 hrs. (forklift req'd)

Will Fit: All 190 Tomato Harvesters

KIT-1203 Single Wheel System for Both Sides Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHA-1201	Wheel Axle, Single, Header Tom.	1		
2	WHL-1212	Single Wheel Axle, 190 Harvester	1		
3	BAR-1201	Bar, Support, Single Tire, Header, Tom.	1		
4	WHM-1518	Tomato Tire/Wheel Assy. Mounted, HD	1		
5	SHD-1201	Shield, Single Wheel, Header, Tom.	1		
6	WHM-1201	Single Wheel Tire and Rim (Under Header)	1	190	
7	WHL-1210	Hub and Spindle Assembly 10 Bolt	2		4' Spindle 18K Rated
8	BL-12-1600-SUS-G8	1/2" x 16' Setup Stud 2' Min Thrd @ Ends, Gr8	6		
9	BRA-8400	Bracket, Hold Up Rollers	6		
10	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	8		
11	BAR-1118	Bar, Hold up, Head Chain, Big Wheel	1	KIT-1118	
12	SPA-1203	Spacer, Bottom, Header Side, 190 Tom.	1		
13	PL-1101	Plastic Cover	1	19501-	
100	BL-10-500-H	5/8-11 X 5 HEX CAP G5 ZC	1		
100	BL-10-600-H	5/8-11 X 6 HEX CAP G5 ZC	1		
101	BL-10-LN	5/8-11 HEX LN NE ZC	2		
102	BL-12-FW	1/2" Flat Washer	12		
103	BL-12-LW	1/2" Lock Washer	6		
104	BL-12-N	1/2" Nut	12		
105	BL-6-FW	3/8 USS FW ZC	8		
106	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
107	BL-6-N	3/8-16 HEX NUTS ZC	2		
108	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	8		
109	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
110	BL-8-FW	1/2 USS FW ZC	22		
111	BL-8-100-H	1/2-13 X 1 HEX CAP G5 ZC	6		
112	BL-8-LW	1/2 SPLIT LW ZC	6		
113	BL-8-SW-8	1/2 SAE FW G8 ZC	6		

KIT-1800K Gauge Wheel Kit for 190 Tomato

Benefits:

- More stability of header
- Better depth control



Price: \$

Availability: Special order

Can Be Installed: Off season only

Approx. Time Required to Install: 8 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-1800K Gauge Wheel Kit Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	193-188	Adjuster, Gauge Wheels	4	19301-	
0	194-186	Gauge Wheel, Inner slider	2	19201-	
0	194-187	Gauge Wheel, Outer Frame	2	19201-	
0	A-6900-8-6	8 SAE x 3/8' FPX With 7/8' Stock Body	4	20095001-	
0	A-6901-8-6	8 SAE x 3/8' FPX90-, Forged	4	20095001-	
0	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	8		
0	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	8		
0	BL-8-300-C	1/2 UNC X 3 CARRIAGE BOLT GR5 ZINC	4		
0	BL-8-FW	1/2 USS FW ZC	28		
0	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	12		
0	BL-8-LW	1/2 SPLIT LW ZC	12		
0	BL-8-NF	1/2-20 HEX FIN NUTS ZC	8		
0	ELL-1346	Loom Clamp	2		
0	H4-211-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 211 in long	1		
0	H4-240-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 240 in long	1		
0	H4-254-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 254 in long	1		
0	H4-260-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 260 in long	1		
0	HC-200-0808	Hydraulic Cylinder 2' x 8' #8 SAE Ports	2	19201-	Seal kit for Lion, HC-200-112
0	WBR-199L	Lug Bolt for Gauge Wheel	8	WHL-190	
0	WHL-194	Mounted gauge wheel, including tube.	2		
0	WHL-199	Complete Spindle and Hub Assembly (Welded)	2		Includes PN WBR-199a & WBR-199b
0	WT-11	Wire Tie 11'	25		

KIT-190-0001 Extended Axle Kit w/ Big Wheel Option Included

Benefits:

- For custom row spacing
- Better machine stability



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs. (forklift req'd)

Will Fit: All 190 Tomato Harvesters

KIT-190-0001 Extended Axle Kit, W/Big Wheel Option Included Parts List

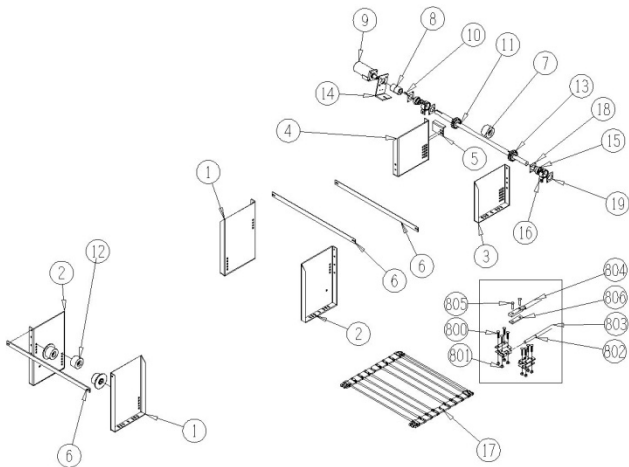
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	4		
0	BL-10-LW	5/8 SPLIT LW ZC	4		
0	WHM-1135	Mounted 16.1 x 16.5L Traction Tire for 190's (tubeless)	4	190	
1	WHL-1132	Wheel, Main Axle Structure, Extended Axle	1	KIT-0016	
2	WHL-1136	Wheel, Inner Extension, Extended Axle	1	KIT-0016	
3	WHL-1139	Wheel, Sorter Side Ext, Extended Axle	1		
4	WHL-1121	Rocker, Big Wheel	2	WHL-1118 / WHL-1138 / WHL-1136	
5	191-1112	Axle Pin	1	19101-	
6	BAR-1118	Bar, Hold up, Head Chain, Big Wheel	1	KIT-1118	
7	SFT-1118	Shaft, Rocker Mount, Big Wheel (Tomato)	2	KIT-1118	
8	SUP-1121	Support, Rocker, Big Wheel (Tomato)	2	KIT-1118	
9	G-100	Gusset, Extended Axle, Pin Stiffener-Main Frame	4	Kit-0016	
10	BRA-1936	Bracket, Lower Roller for Header Chain (L.H.)	1		
11	WHL-1115	Complete Hub and Spindle Assembly	4	193-1109 / WHL-1121	
12	PIN-105	Pin Assy, Extended Axle Pin, LH	1	KIT-0016	
13	PIN-104	Pin, Assy., Extended Axle Kit	1	KIT-0016	
14	SPA-1132	Spacer, Slider Block, Extended Axle	1	KIT-0016	
15	SPA-1136	Spacer, Block Tightener, Extended Axle	1	KIT-0016	
16	PIN-H8	Hairpin, 1/2-5/8 Rod Dia Range	1	59701-	
17	BRA-1938	Bracket, Lower Roller for Header Chain (R.H.)	1	192-101K	
18	COV-1118	Cover, Level Cylinder	1		
19	BT-1118	Belting, Aftersort, 'Big Wheel' Kit	1		
20	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
21	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
22	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
23	GF-1827-90	Grease Fitting 1/8 NPT x 90-	4		
24	AC-2	1/8' NPT Coupler	2		
25	AN-2-CL	1/8' NPT Close Nipple	2		

101	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	4
102	BL-8-LW	1/2 SPLIT LW ZC	4
103	BL-10-800-H	5/8-11 X 8 HEX CAP G5 ZC	1
104	BL-10-FW-8	5/8" Grade 8 Flat Washer	8
105	BL-10-LN	5/8-11 HEX LN NE ZC	4
106	BL-10-750-H	5/8-11x7 1/2 HEX CAP G5 ZC	1
107	BL-10-600-H	5/8-11 X 6 HEX CAP G5 ZC	2

KIT-190-0002 Long Vine Assist Kit, 32" Wide Tomato

Benefits:

- More consistent conveying
- Less chance for product rollback



Price: \$

Availability: Special order

Can Be Installed: Anytime

Approx. Time Required to Install: 4 hrs.

Will Fit: All 190 Tomato Harvesters

KIT-190-0002 Vine Assist, Full Length, 32' Wide Parts List

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-1104	Panel, Weldment, Outer Forward, Vine Assist	2	Kit-0050	
2	PAN-1105	Panel, Weldment, Inner Forward, Vine Assist	2	Kit-0050	
3	PAN-1106	Panel, Weldment, Outer Rear, Vine Assist	1	Kit-0050	
4	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
5	193-806B	Motor Mount Stop	1		
6	BAR-0134	Vine Assist Tomato,Cross Bar Support	2		
7	193-603	Shaft, Elevation	1	19301- (Elevation), KIT-0101 (Vine Assist),KIT- 0050,Kit- 0051	
8	CPS-6060	Steel Coupler (offcenter) 1 1/4' x 1'	1		
9	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
10	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	1		
11	KEY-4-4-28	Shaft Key 1/4' x 1 1/2'	2		
12	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2' bore, no flange	6		
13	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4' key urethane	2		
14	193-806	Mount motor	1		
15	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
16	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	2		
17	BC-6-32108-90	Belted Chain, 3/8 x32, 2x60, 90 Pitches Long	1		
18	SC-20-6	Bearing Protector, 1 1/2', Inner Side	2		
19	SC-20-7	Bearing Protector, 1 1/2', Outer, Lock Collar Side	2		
100	BL-1032-175P	10/32 x 1 1/2' Pan Head, Phillips Machine Screw	8		
101	BL-6-SW	3/8 SAE FW ZC	42		
102	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	6		
103	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20		
104	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	12		
105	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4		
106	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4		

107	BL-6-LW	3/8 SPLIT LW ZC	4		
108	BL-6-N	3/8-16 HEX NUTS ZC	4		
109	BL-6-275-H	3/8-16 X 2 1/2 HEX CAP G5 ZC	4		
110	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	6		
111	BL-8-SW	1/2 SAE FW ZC	6		
112	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
113	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	2		
114	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
601	A-6900-10-8	10 SAE x 1/2 FPX	2		
602	A-1405-12-12	1/2 NPT coupler w/swivel	1		
603	H12-36-12MP-8MP	1/2 in hose 1/2MP x 1/2MP x 36 in long	1		
604	H12-20-12MP-8MP	1/2 in hose 1/2MP x 1/2MP x 20 in long	1		
800	BC-1032-FS	10-32 x 1 1/4' bolts Flat Socket Head	16		
801	BC-1032-LN	10-32 lock nuts	16		
802	BC-3510	Grooveless Snap Ring, 10mm.	2		
803	BC-F-60SP	60mm Connecting Pin, Smooth w/ Grooves for Grip Clip	1		
804	BC-6-32-ST	3/8' x 32' Belted Chain Rods for 60mm Belt	1	11001	
805	BC-BP32	Belt, Rivet backing plates 32mm	0	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
806	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32