



# **Rolling Cultivator®**

# **Repair Parts Catalog**

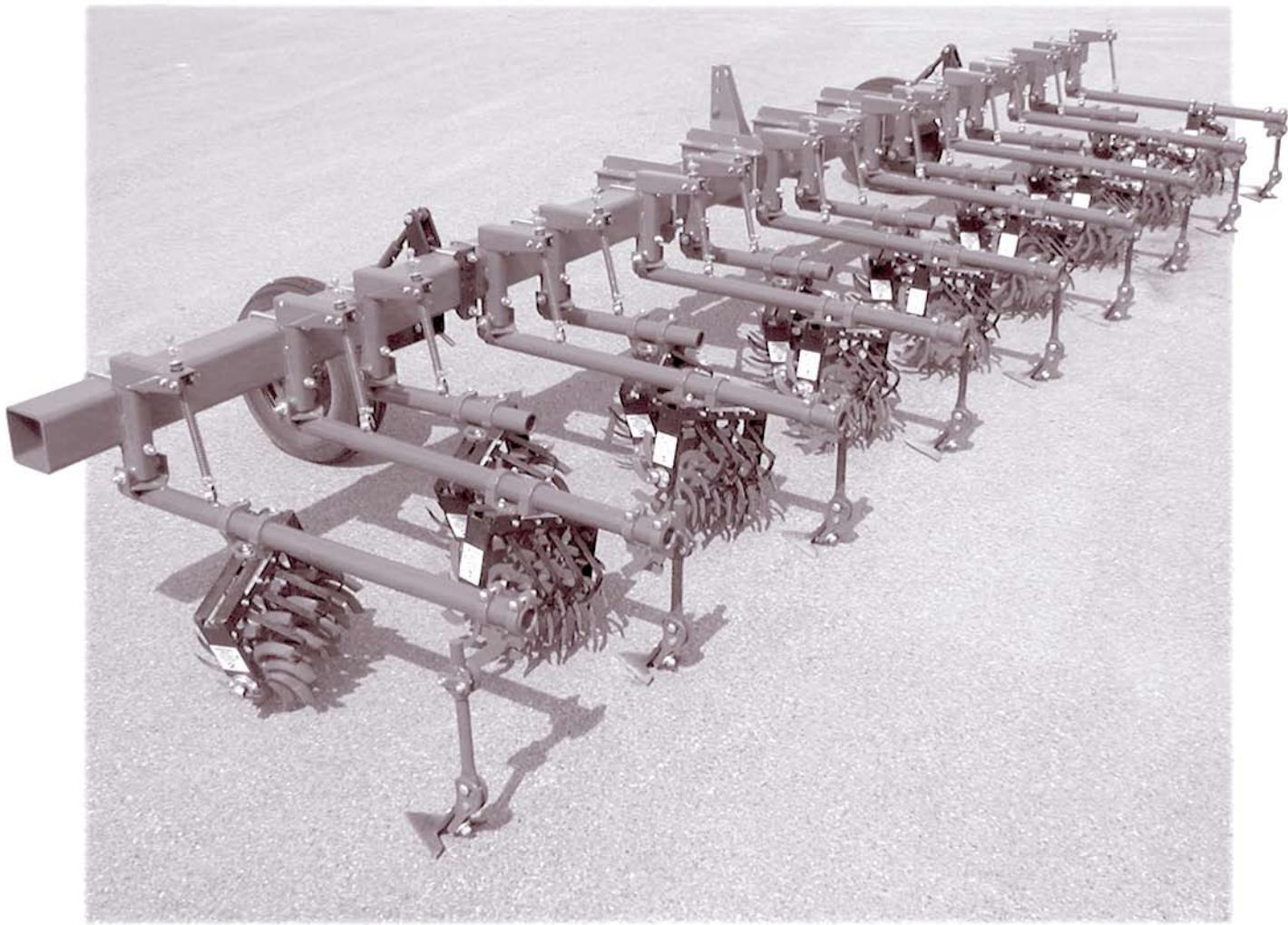
**Includes:**

**Granular Fertilizer Attachment**

**Spray Wheel Attachment**

**Row Topper®**

Current repair parts manual is available online: <http://www.bighambrothers.com/B06-6400.pdf>



**Call Toll Free: 1-800-692-4449 or FAX: 1-806-745-1082**

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**BIGHAM BROTHERS, INC.**  
806-745-0384 • 705 E. Slaton Road • P.O. Box 3338 • Lubbock, Texas 79452

**Tool Bars & Hitches**

- 1 Heavy Duty Hitch ..... 2002-Current  
 Tool Bars (7x7, 5x7) ..... 1974-Current  
 2 Hitch Parts Diagram ..... 1977-Current  
 3 Hitch Parts List ..... 1977-Current  
 5x7 Tool Bar (Welded Hitch) ..... 1974, 1976  
 4 Quick Hitch Adaptor, Cat. III ..... 1974-1985  
 Tool Bar Connector ..... 1974-1985  
 Hitch Parts for 3-1/2" Dia. Tool Bar.... 1967-1977  
 5 Center Tool Bar, Folding ..... 1977-1980  
 6 Center Tool Bar, Folding ..... 1981-Current  
 7 Wing, Folding Tool Bar ..... 1977-Current  
 Transport Braces ..... 1981-Current  
 8 Auxiliary Tool Bar Hitch ..... 1977-1985  
 9 Hydraulic Cylinder, 3x10" ..... 1977-1984  
 Hydraulic Cylinder, 3-1/2x11" ..... 1981-Current

**Gang Pipes, Spider Gangs, Disc Gangs**

- 10 Gang Pipe, 3-1/2" Diamond ..... 1967-1977  
 11 Gang Pipe, 7x7, 5x7 ..... 1977-Current  
 12 Spider Gang, 14-1/2" No. 1 ..... 1985-Current  
 13 Spider Gang, 14-1/2" No. 2 ..... 1985-Current  
 14 Spider Gang, 16" No. 1 ..... 1977-Current  
 15 Spider Gang, 16" No. 2 ..... 1977-Current  
 16 Disc Gang, No. 1 ..... 1985-Current  
 17 Disc Gang, No. 2 ..... 1985-Current  
 18 Single Spider Gang ..... 1977-1984  
 Add-on Spider Kits, 16" ..... 1975-Current  
 19 Gang Extension Kit ..... 1974-1985  
 S-Tine Gang Mount ..... 1985  
 Add-on Spider Kits, 14-1/2" ..... 1975-Current

**Row Gang Supports, Split Row Gangs**

- 20 Row Gang Support ..... 1977-1978  
 21 Row Gang Support ..... 1979-1984  
 22 Row Gang Support ..... 1985-Current  
 23 Twin Row Gang Support ..... 1974-1985  
 24 Split Row Gang, Slicer Tine ..... 1974-Current  
 25 Split Row Gang, Straight Tine..... 1974-Current  
 26 Disc Row Gang ..... 1974-1985

**Coulters and Attachments**

- 27 Center Mount Spring Coulters ..... 1974-1976  
 28 End Mount Spring Coulters ..... 1974-1976  
 29 Spring Loaded Coulters ..... 1977-Current  
 30 Rigid Coulters ..... 1974-Current  
 31 Heavy Duty Rear Coulters ..... 1975-1985  
 32 Coulters Adaptor Bracket ..... 1974-Current  
 Coulters Scraper Kit ..... 1974-1976  
 Front Mount Adaptor Assy. ..... 1974-1985

**Gauge Wheels**

- 33 Gauge Wheels ..... 1974  
 34 Gauge Wheels ..... 1975-1976  
 35 Gauge Wheels ..... 1977-1985  
 36 Gauge Wheels ..... 2001-Current  
 37 Gauge Wheels, 3-1/2" Dia. .... 1967-1977

**Rear Shanks, Supports, Bed Rippers**

- 38 Spring Shank Assembly ..... 1974-Current  
 Rigid Shank Assembly ..... 1974-1985  
 Standard Support Bundle ..... 1974-Current  
 39 Chisel Foot ..... 1974-1985  
 Coil Spring Shank Assembly ..... 1974-1985  
 Spring Trip Foot Assembly ..... 1967-1979  
 40 High Speed Shank, Sweep ..... 1974-Current  
 Spring Foot Assembly ..... 1977-1985

- 41 Bed Ripper ..... 1974  
 Bed Ripper Shank ..... 1975-Current  
 Rigid Trip Shank ..... 1974-Current  
 42 Bed Ripper Shank ..... 2001-Current  
 Tool Bar Clamps (7x7) ..... 2001, 2002-Current  
 Tool Bar Brackets, 5x7 & 7x7" ..... 1975-1985

**Guide Cones**

- 43 Guide Cone ..... 1974  
 Guide Cone ..... 1975-Current

**Disc Weeder Assemblies**

- 44 Disc Weeder ..... 1975-1980  
 45 Disc Weeder ..... 1981-1985  
 46 Disc Assembly with Clamp ..... 1981-1985  
 Disc Assembly with Clamp ..... 2001  
 47 Gauge Wheel Assembly (4x12") ..... 1977-1985  
 Hoe Shank with Clamp ..... 1977-1985

**Guide Wheel, Row Guide**

- 48 Guide Wheel ..... 1975-1976  
 Adjustable Guide Wheel ..... 1977-Current  
 Row Guide Kit ..... 1974-1985

**Crop Shields**

- 49 Deluxe Heavy Duty Shield Kit ..... 1974-Current  
 Heavy Duty Crop Shield ..... 1974-1985  
 50 Tent Shield (Tool Bar Mount) ..... 1985  
 Tent Shield (Gang Pipe Mount) ..... 1974-1985

**Miscellaneous Attachments and Optional Equipment**

- 51 Lift Assist Brackets ..... 1981-1984  
 5 & 6" Tool Bar Clamp ..... 1981-1984  
 Pipe Stands ..... 1975-Current  
 52 Lift Assist Wheel ..... 1981-1984  
 53 Row Marker (Hydraulic Disc) ..... 1981-1984  
 54 Tool Bar Support Cable Attach. ..... 1975-1985  
 55 Spring Trip Foot Assembly ..... 1981-1985  
 56 Spring Trip Foot Assembly ..... 1985-Current  
 57 Rear Square Tool Bar Support (4x4)... 1985-2004  
 Rear Diamond Tool Bar Support ..... 1974-1985

**Granular Fertilizer Attachment**

- 58 Tool Bar, Mounting Clamps ..... 1991-Current  
 59 Stainless Steel Hopper, Auger ..... 2005-Current  
 60 Plastic Hopper, Auger ..... 1993-2004  
 61 Drive Wheel ..... 1993-Current  
 62 Ground Drive Bracket ..... 1993-Current  
 63 Hydraulic Drive ..... 1992-Current  
 64 Double Disc Opener ..... 1993-Current  
 65 Foot Support and Shank ..... 1991-Current  
 66 Injector Knives ..... 1991-Current  
 Dual Opening Knife ..... 1991-Current  
 7x7 Brackets ..... 1985  
 7x7 Brackets ..... 2002-Current  
 67 Long Knife Shank ..... 1991-Current  
 "Y" Divider & Hoses ..... 1991-Current  
 Spout Holder ..... 1990-Current

**Spray Wheel Attachment**

- 68 Spray Wheel Attachment ..... 1993-Current

**Row Topper**

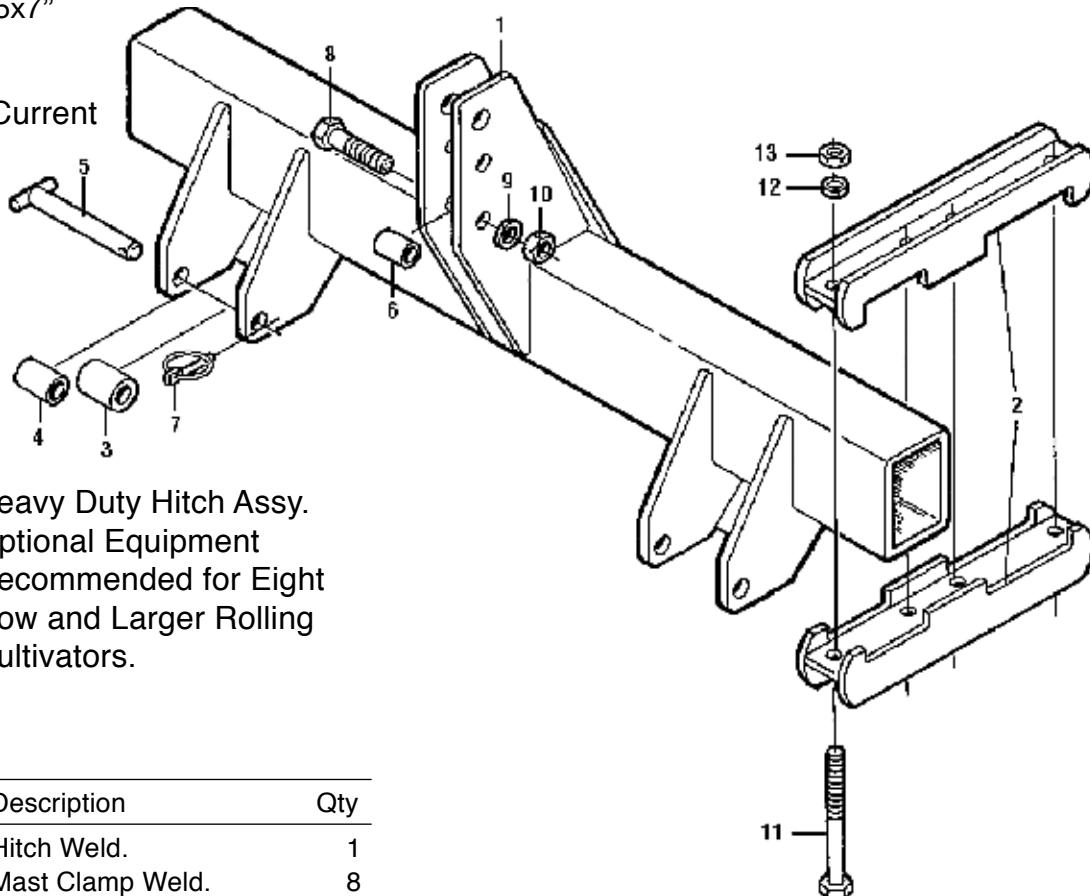
- 69 Row Topper Support ..... 1993-Current  
 70 Bed Knocker (Support Mtd.) ..... 1993-Current  
 71 Bed Knocker (Tool Bar Mtd.) ..... 1993-Current  
 72 Packer Wheel ..... 1993-Current

**73 Alphabetical Index**

Heavy Duty Hitch  
Tool Bars, 7x7 & 5x7"

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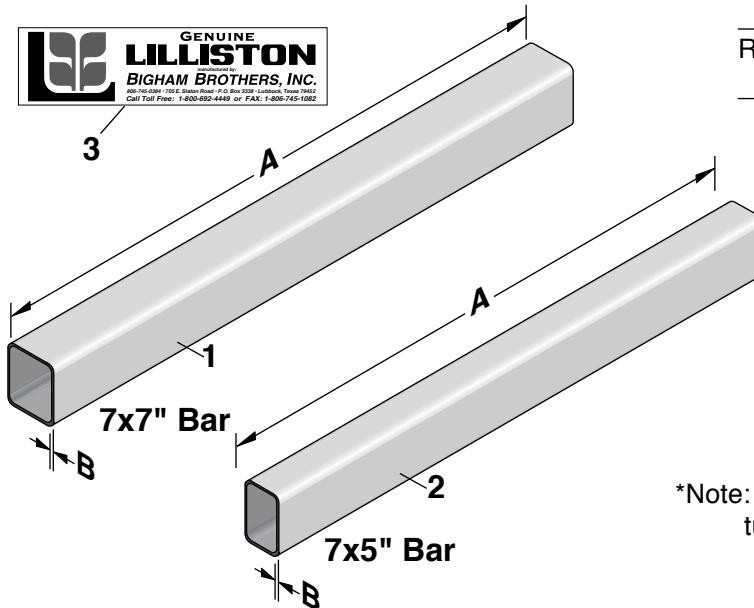
Heavy Duty Hitch  
Model Year 2002-Current



L50015463 Heavy Duty Hitch Assy.  
Optional Equipment  
Recommended for Eight  
Row and Larger Rolling  
Cultivators.

Ref #	Part Number	Description	Qty
1	L50014895	Hitch Weld.	1
2	L50014892	Mast Clamp Weld.	8
3	L7604042	Bushing Cat. III	2
4	L7604041	Bushing Cat. II	2
5	L6408029	Lift Pin	2
6	L6404018	Bushing	1
7	617-105	Klik Pin	2
8	602-1618Z	1x4-1/2" Capscrew Gr. 5	1
9	615-1601Z	1" Lockwasher	1

Ref #	Part Number	Description	Qty
10	611-1601Z	Hex Nut 1"	1
11	602-1238Z	3/4x9-1/2" Capscrew Gr. 5	16
12	615-1200Z	Lockwasher 3/4"	16
13	611-1201Z	Hex Nut 3/4"	16

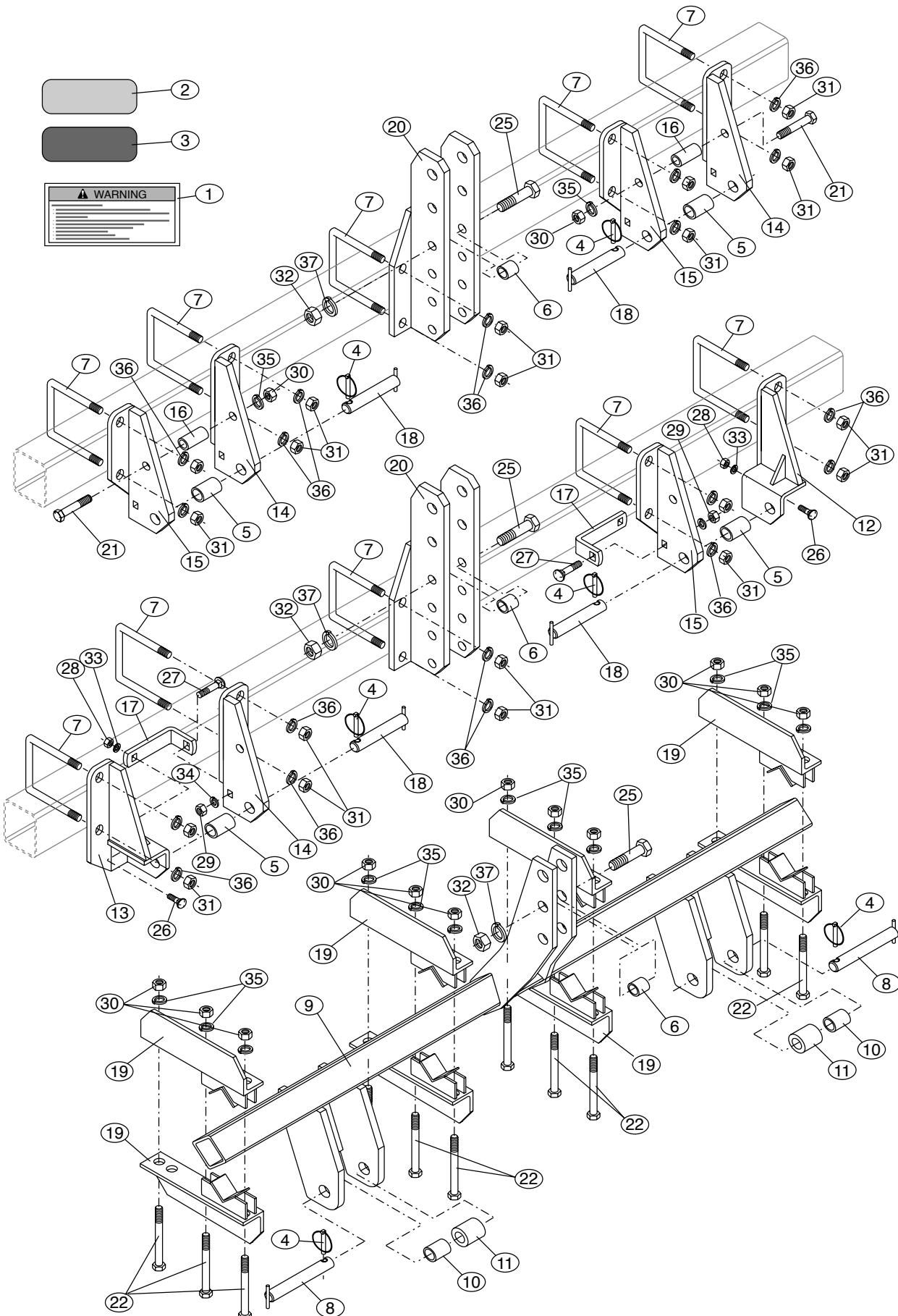


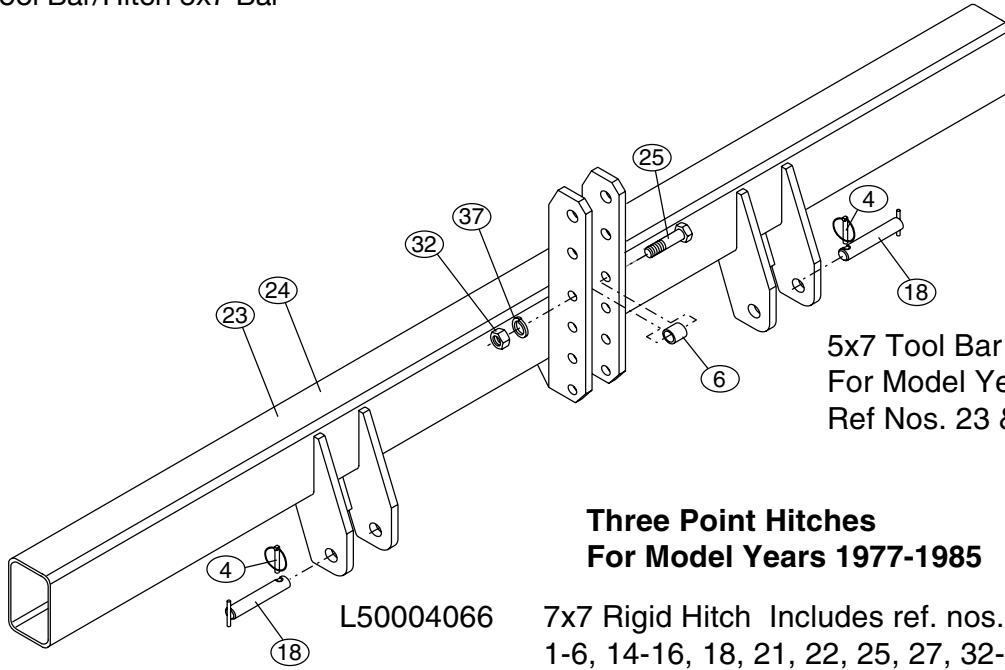
### Tool Bars - Model Year 1974-Current

Ref #	Part Number	Description	A= Length	B= Wall Thickness
1	L50015091	Bar 7" x 7"	250"	1/4"
	L50015092	Bar 7" x 7"	330"	3/8"
	L50015090	Bar 7" x 7"	190"	1/4"
	L50012559	Bar 7" x 7"	100"	1/4"
	L50014518	Bar 7" x 7"	210"	1/4"
	L50015539	Bar 7" x 7"	368"	3/8"
2	L6604030	Bar 5" x 7"	168"	1/4"
	L6604031	Bar 5" x 7"	188"	1/4"
	L6604027	Bar 5" x 7"	248"	1/4"
	L6604032	Bar 5" x 7"	328"	1/4"
	L6604033	Bar 5" x 7"	368"	1/4"

\*Note: Wall thickness specifications increased to 3/8 tube for all lengths over 27' for 2001 Model Year.

3 399-064 Decal,Lilliston 16x4" Red/Bk





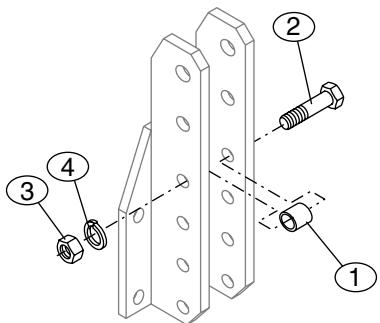
5x7 Tool Bar with Welded Hitch  
For Model Years 1977-1980  
Ref Nos. 23 & 24.

### Three Point Hitches For Model Years 1977-1985

- |                                       |   |
|---------------------------------------|---|
| L50004066                             | 7x7 Rigid Hitch Includes ref. nos.<br>1-6, 14-16, 18, 21, 22, 25, 27, 32-34, 37-39              |
| L50004067                             | 7x7 Offset Hitch Includes ref. nos.<br>1-6, 12-15, 17, 18, 21, 22, 27-31, 33-36, 38, 39         |
| Assembly Components for Offset Hitch: |   |
| L50004069                             | Top Link Assy. (7x7) Includes ref. nos.<br>6, 7, 20, 25, 31, 32, 36, 37                         |
| L50004070                             | Lower Hitch Assy.-LH (Offset) 7x7 Includes ref. nos.<br>5, 7, 12, 15, 17, 26-29, 31, 33, 34, 36 |
| L50004071                             | Lower Hitch Assy.-RH (Offset) 7x7 Includes ref. nos.<br>5, 7, 13, 14, 17, 26-29, 31, 33, 34, 36 |
| L6499028                              | 7x7 Folding Hitch Includes ref. nos.<br>1, 3, 6, 8-11, 20 26, 27, 32, 37, 39                    |

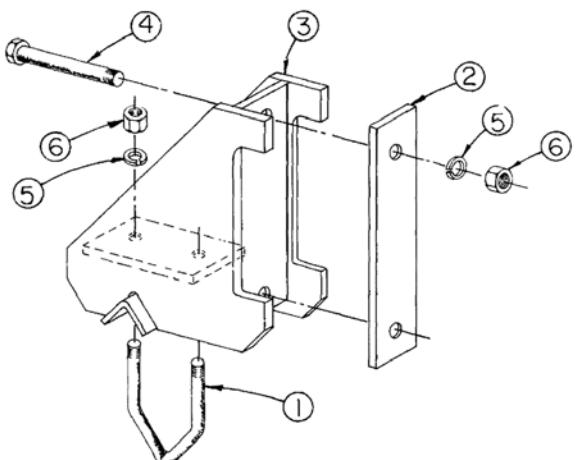
Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	399-047	Warning Decal	1	19	L50002747	Connector	8
2	399-054	Reflector, Amber 5 x 2.5"	1	20	L50007431	Mast	1
3	399-055	Reflector, Red 5 x 2.5"	2	21	602-1220Z	3/4 x 5" Capscrew	2
4	617-105	Klik Pin, 7/16 x 2"	2	22	602-1236Z	3/4 x 9" Capscrew	12
5	L6404011	Bushing	2	23	L50010124	100" Tool Bar/Hitch 7x5	1
6	L6404018	Bushing	1	24	L50010125	168" Tool Bar/Hitch 7x5	1
7	L50004055	U - Bolt (7x7)	6	25	602-1618Z	1 x 4-1/2" Capscrew	1
	L6406001	U - Bolt (7x5)	6	26	604-0807Z	1/2 x 1-3/4" Carriage Bolt	2
8	L6408029	Hitch Pin	2	27	604-1008Z	5/8 x 2" Carriage Bolt	2
9	L6408031	Hitch	1	28	611-0801Z	1/2" Hex Nut	2
10	L7604041	Bushing	2	29	611-1001Z	5/8" Hex Nut	2
11	L7604042	Bushing	2	30	611-1201Z	3/4" Hex Nut	A/R
12	L50000888	Offset Hitch, Lt	1	31	611-1410Z	7/8" Hex Nut (Heavy)	12
13	L50000889	Offset Hitch, Rt	1	32	611-1601Z	1" Hex Nut	1
14	L50000896	Straight Hitch, No. 1	A/R	33	615-0800Z	1/2" Lockwasher	2
15	L50000897	Straight Hitch, No. 2	A/R	34	615-1000Z	5/8" Lockwasher	2
16	L50000900	Spacer	2	35	615-1200Z	3/4" Lockwasher	A/R
17	L50000901	Hitch Brace	2	36	615-1400Z	7/8" Lockwasher	12
18	L50000904	Hitch Pin	2	37	615-1601Z	1" Lockwasher, Gr8	1

**L6420008 Quick-Hitch Adaptor Category III  
For Model Years 1974 - 1985**



Ref #	Part Number	Description	Qty
1	L6404018	Bushing	1
2	602-1618Z	1" x 4-1/2" Capscrew, Gr. 5	1
3	611-1601Z	1" Hex Nut	1
4	615-1601Z	1" Lockwasher	1

**L50001242 5 x 7 Tool Bar Connector  
L50014698 7 x 7 Tool Bar Connector  
For Model Years 1974 - 1985**

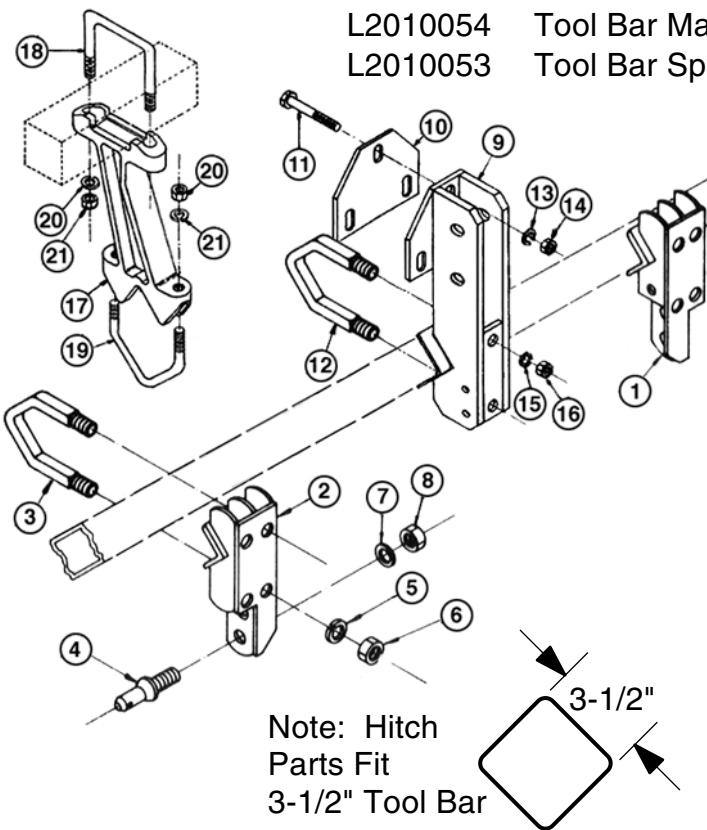


Ref #	Part Number	Description	Qty
1	L2003275	U - Bolt 3/4"	1
2	L50000920	Clamp	1
3	L50001240	Connector Wlmt. 7" Bar to 2-1/4" Diamond	1
4	602-1230Z	Capscrew 3/4" x 7-1/2" For 5 x 7 Bar	2
	602-1238Z	Capscrew 3/4" x 9-1/2" For 7 x 7 Bar	2
5	615-1200Z	Lockwasher 3/4"	4
6	611-1201Z	Hex Nut 3/4"	4

**L2099014 Lower Hitch Links, 1-1/8" Pins Includes Ref. nos. 1 - 8**

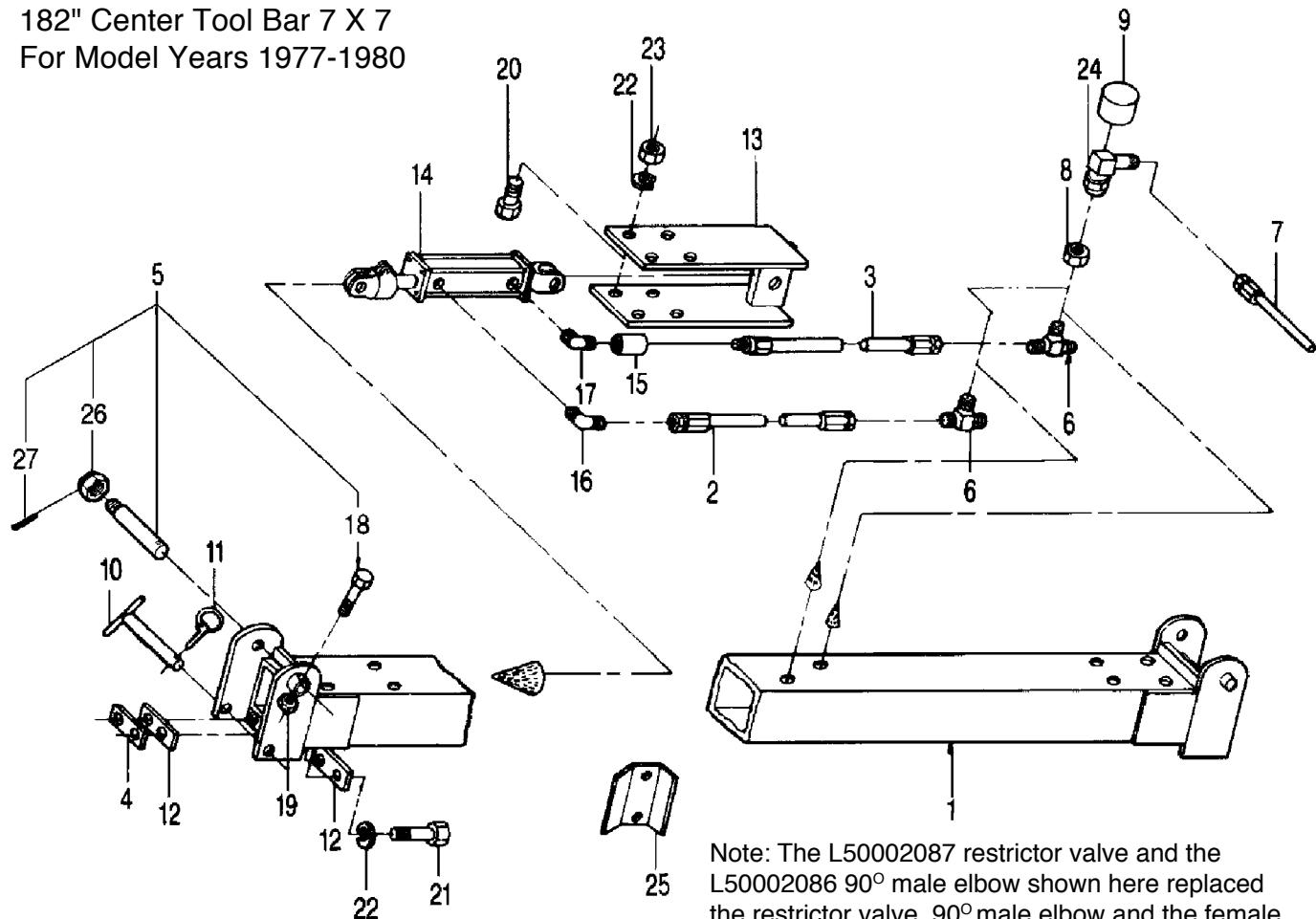
**L2010054 Tool Bar Mast Assy. Includes Ref. nos. 9 - 16**

**L2010053 Tool Bar Spacer Assy. Includes Ref. nos. 17 - 21**



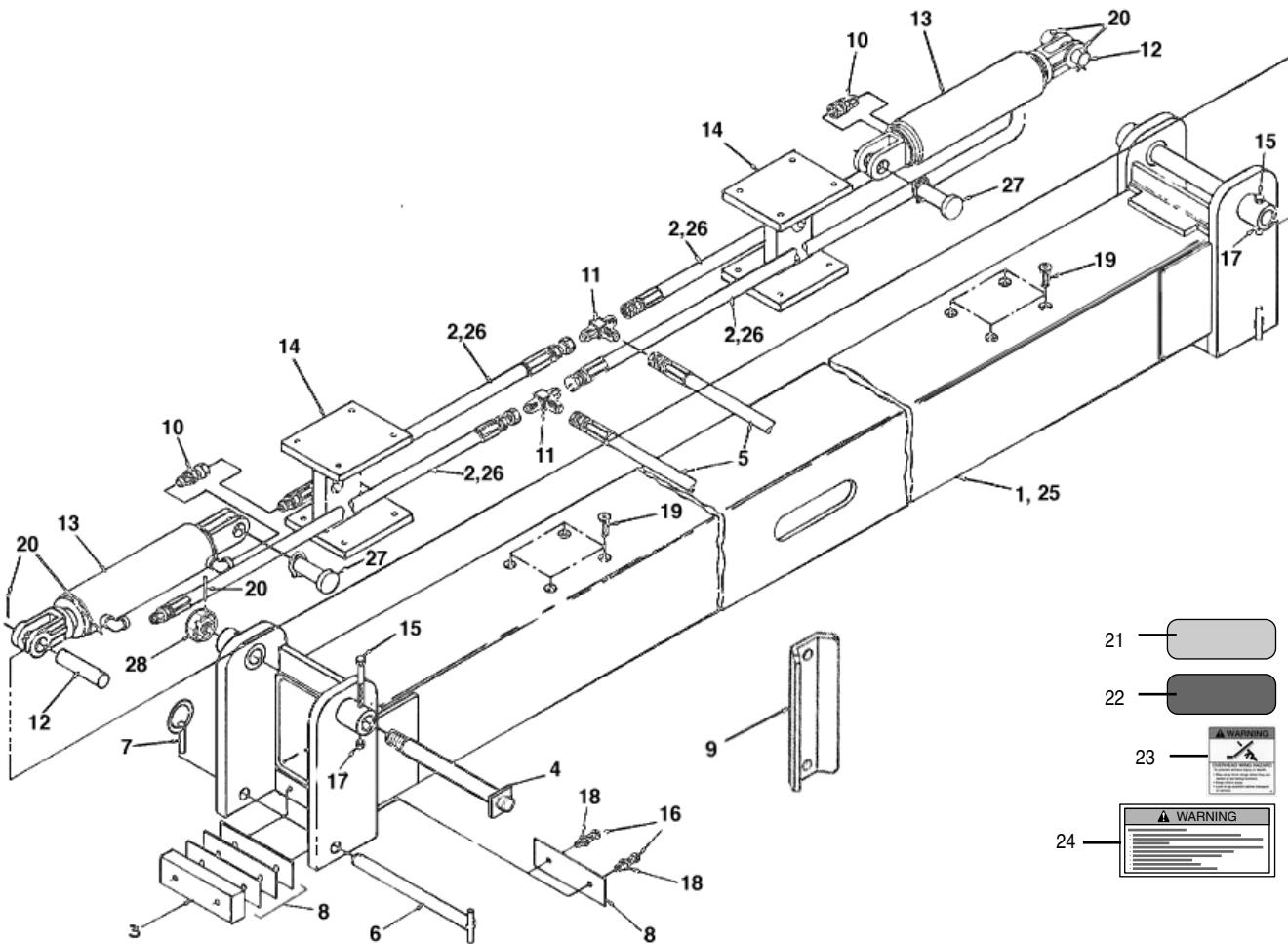
Ref #	Part Number	Description	Qty
1	L2008069	Lift Pin Bracket Heavy (Lt.)	1
2	L2008068	Lift Pin Bracket Heavy (Rt.)	1
3	L2003009	U-bolt, 7/8" Sq./ 3-1/2" Dia.	4
4	L2050084	Lift Pin, 1-1/8 H. D.	2
5	615-1400Z	Lockwasher 7/8"	8
6	611-1410Z	Hex Nut 7/8" Heavy	8
7	615-1800Z	Lockwasher 1-1/8"	2
8	611-1807	Hex Nut 1-1/8"-12UNF	2
9	L2008164	Mast	1
10	L2003331	Clamp, Mast	1
11	602-1222Z	3/4 x 5-1/2" Capscrew	3
12	L2003009	U-bolt, 7/8" Square	1
13	611-1201Z	3/4" Hex Nut	3
14	615-1200Z	3/4" Lockwasher	3
15	611-1410Z	7/8" Heavy Hex Nut	2
16	615-1400Z	Lockwasher 7/8"	2
17	L2000048	Spacer, Tool Bar	1
18	L50005405	U-bolt, Square Bar 5/8"	1
19	L2006057	U-bolt, Dia. Bar 5/8"	1
20	615-1000Z	Lockwasher 5/8"	2
21	611-1001Z	5/8" Hex Nut	1

100" Center Tool Bar 7 X 7  
 182" Center Tool Bar 7 X 7  
 For Model Years 1977-1980



Note: The L50002087 restrictor valve and the L50002086 90° male elbow shown here replaced the restrictor valve, 90° male elbow and the female adaptor originally used during the model years 1977-1978. To replace the 1977 & 1978 restrictor valve order ref. no's 15 & 17.

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L6408050	Center Bar (100")	1	13	L6408032	Cylinder Mount	2
	L6408035	Center Bar (182")	1	14	L6450008	Hydraulic Cylinder	2
2	L6450019	Hydraulic Hose 1/2 x 60 (100")	2	15	L50002087	Restrictor Valve	2
	L6450012	Hydraulic Hose 1/2 x 100 (182")	2	16	L6450010	90° Male Elbow	2
3	L6450020	Hydraulic Hose 1/2 x 60 (100")	2	17	L50002086	90° Male Elbow	2
	L6450013	Hydraulic Hose 1/2 x 100 (182")	2	18	602-0610Z	Capscrew 3/8 x 2-1/2"	2
4	L6403058	Stop	2	19	613-0601Z	Locknut 3/8"	2
5	L50016321	Pivot Pin Assembly	2	20	602-0805Z	Capscrew 1/2 x 1-1/4" Gr.5	16
6	L6450014	Bulkhead Branch Tee	2	21	602-0806Z	Capscrew 1/2 x 1-1/2" Gr.5	4
7	L6450015	Hydraulic Hose 1/2 x 54"	2	22	615-0800Z	Lockwasher 1/2"	20
8	L6450016	Bulkhead Locknut	2	23	611-0801Z	Hex Nut 1/2"	16
9	L6450018	Cap	2	24	L50001290	37° Elbow, Swivel	2
10	L50001202	Pin	2	25	L6407009	Pipe Support Clamp	2
11	617-105	Klik Pin 7/16 x 2"	2	26	614-2007	Slotted Nut 1-1/4"	2
12	L50001199	Shim	10	27	617-026	Cotter Pin 1/4 x 2"	2

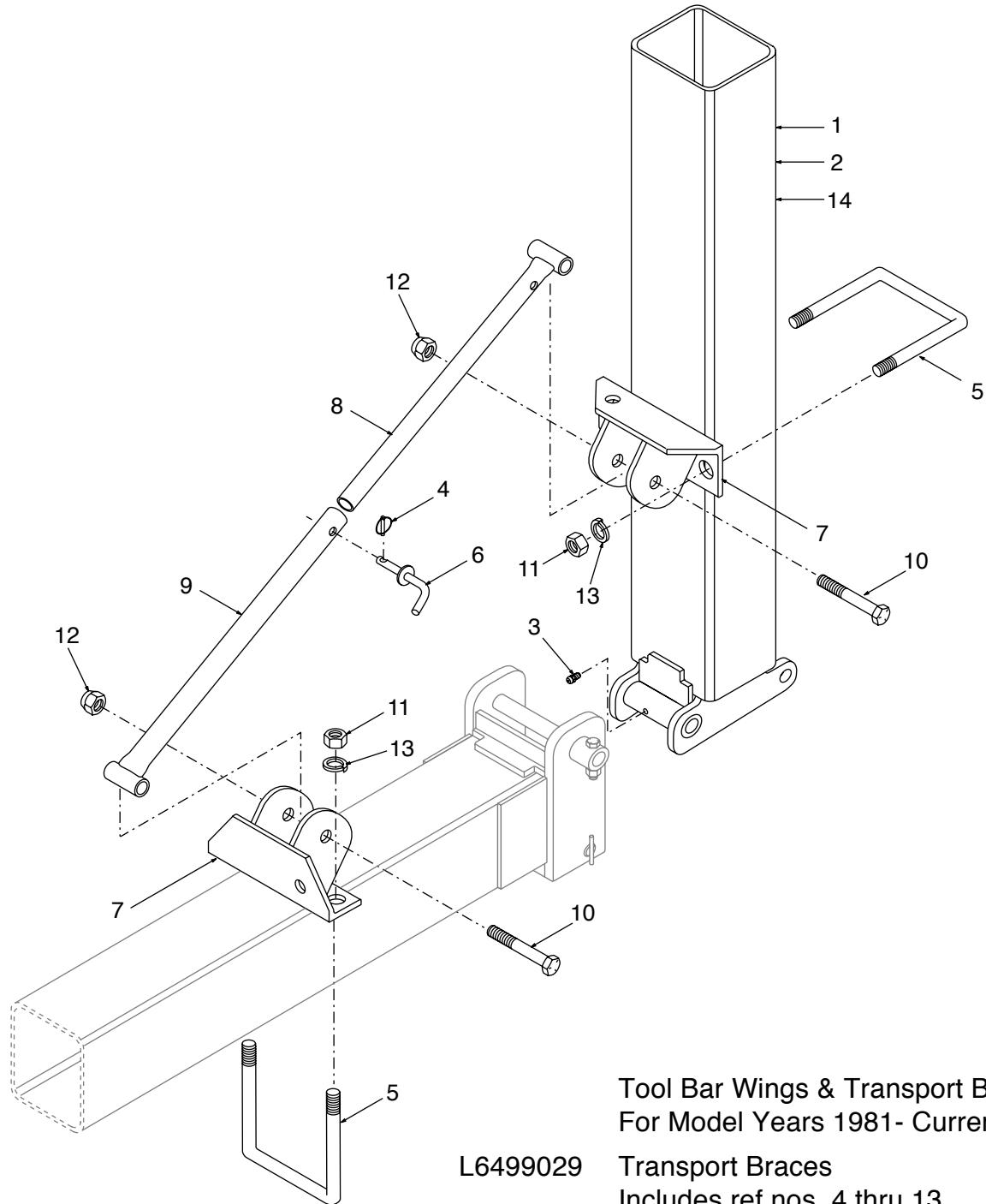


L50005533 Center Tool Bar 100 In. 7 X 7  
(Ref. No. 1-24, 27, 28)

L50005534 Center Tool Bar 140 In. 7 X 7  
(Ref. No. 3-28)

For Model Years 1981-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50005531	Center Bar	1	15	602-0610Z	3/8 x 2-1/2" Capscrew, Gr. 5	2
2	L50005522	Hose, 3/8 x 60"	4	16	602-0806Z	1/2 x 1-1/2" Capscrew, Gr. 5	4
3	L6403058	Stop	2	17	613-0601Z	3/8" Locknut	2
4	L50016327	Pivot Pin Assembly (Includes items 15, 17, 20, 28)	2	18	615-0800Z	1/2" Lockwasher	4
5	L6450015	Hose, 1/2 x 54"	2	19	L50005527	Screw	16
6	L50001202	Pin	2	20	617-026	1/4 x 2" Cotter Pin	6
7	617-105	Klik Pin	2	21	399-054	Reflective Strip (Amber) 5 x 2.5"	1
8	L50001199	Shim	10	22	399-055	Reflective Strip (Red) 5 x 2.5"	2
9	L6407009	Pipe Support Clamp	2	23	399-041	Warning Decal	2
10	L50005525	Restrictor	2	24	399-047	Caution Decal	1
11	L25H40041	Tee	2	25	L50005532	Center Bar	1
12	L50005526	Cylinder Pin	2	26	L50005523	Hose, 3/8 x 80"	4
13	L50005524	Hyd. Cylinder(See Breakdown)	2	27	L7661009	Clevis Pin	2
14	L50005518	Cylinder Mount	2	28	614-2007	Slotted Nut 1-1/4"	2

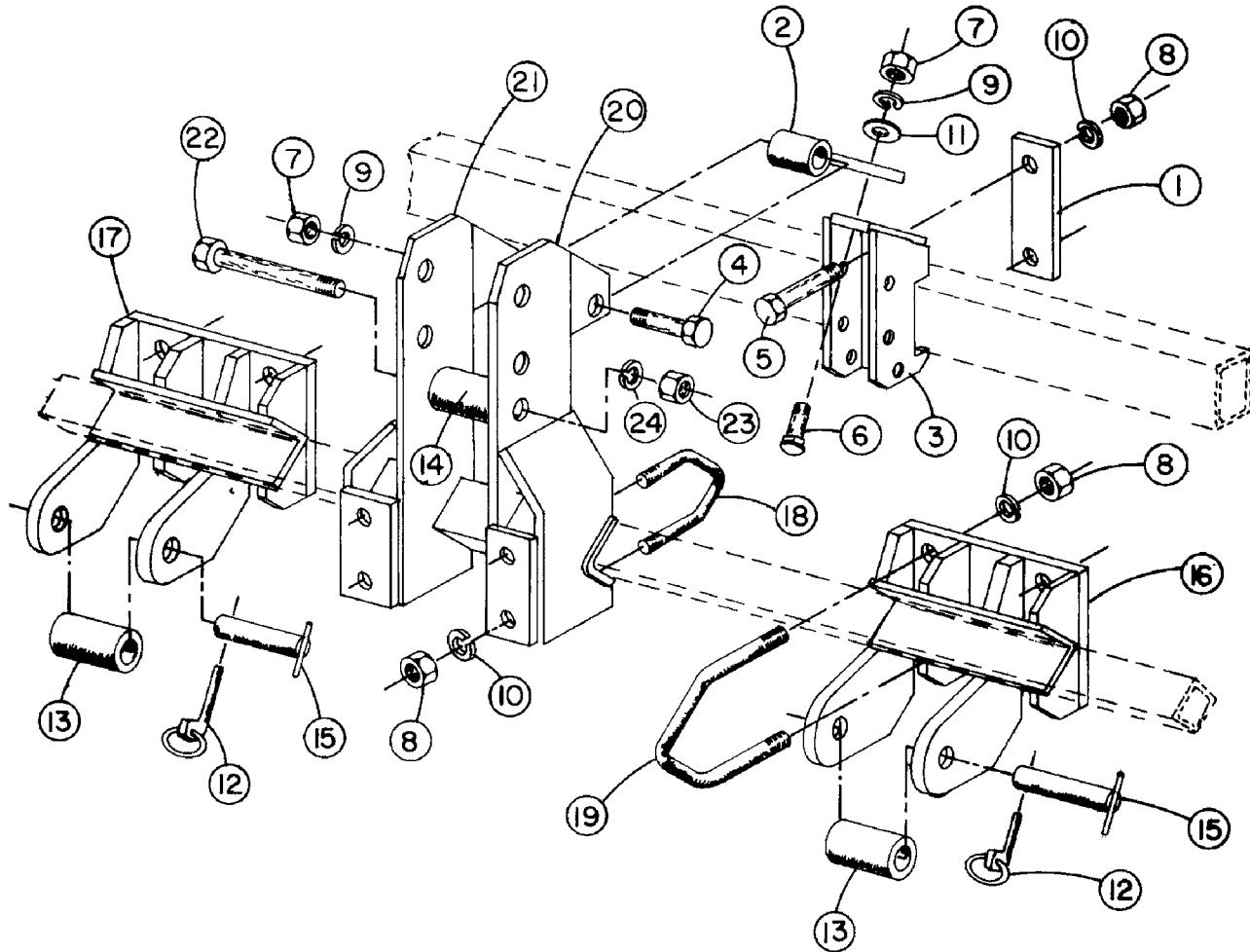


Tool Bar Wings & Transport Braces  
For Model Years 1981- Current

L6499029    Transport Braces  
Includes ref nos. 4 thru 13

Ref #	Part Number	Description	Qty
1	L50005516	93 In. Wing	1
2	L50005517	74 In. Wing	1
3	617-009	1/4" - 28 Fitting	2
4	L2050001	Klik Pin	1
5	L6406012	U-Bolt	2
6	L6408048	Pin	1
7	L6408038	Brace Bracket	2

Ref #	Part Number	Description	Qty
8	L6408039	Inner Brace	1
9	L6408040	Outer Brace	1
10	602-1016Z	5/8 x 4" Capscrew	2
11	611-1001Z	5/8" Hex Nut	4
12	L9162000	5/8" Locknut	2
13	615-1600Z	5/8" Lockwasher	4
14	L50016325	114 In. Wing	1



L50001286 Auxiliary Tool Bar Hitch Includes Ref. nos. 8, 10, 12-24

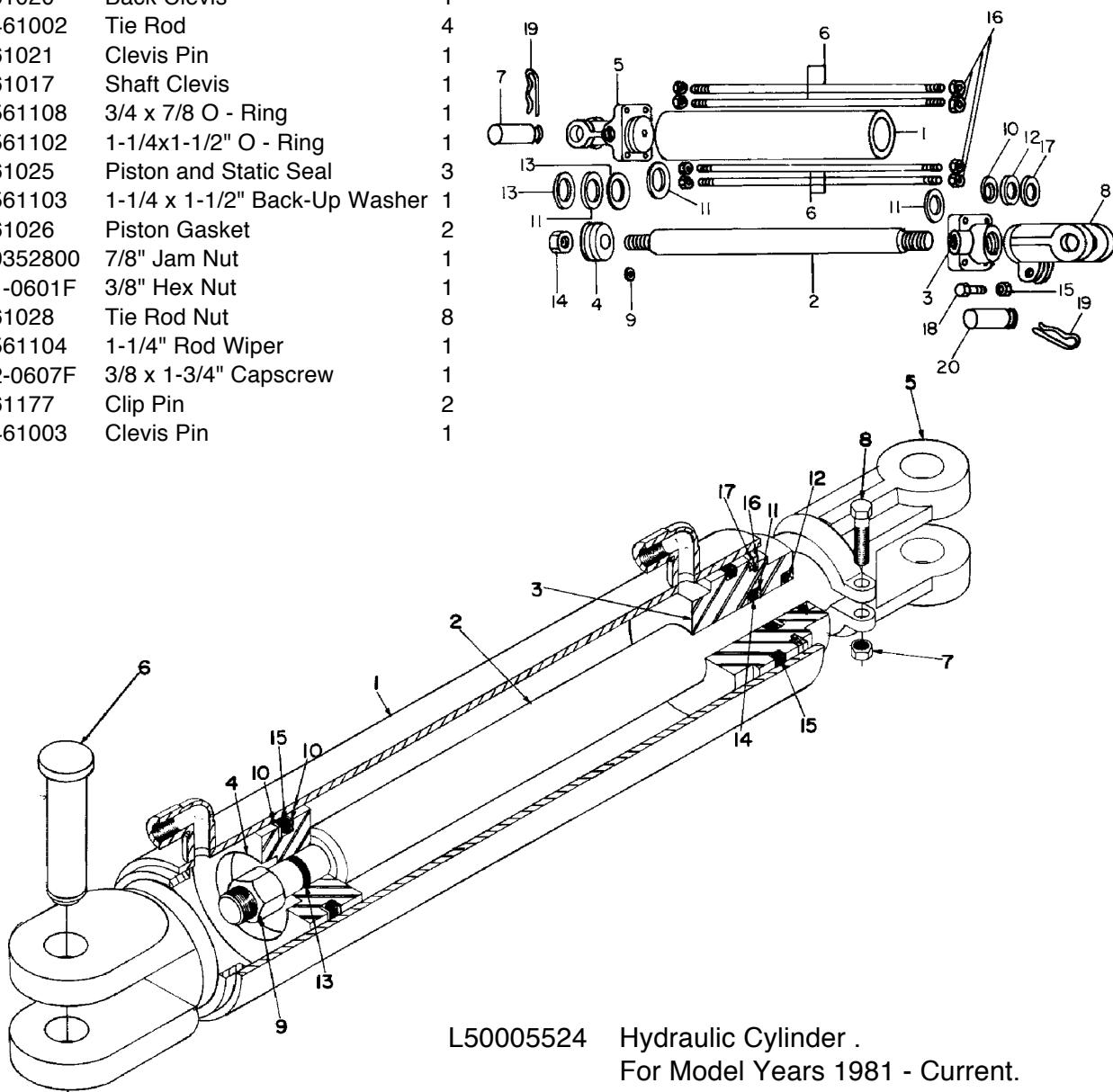
L50001285 Mast Support (5 x 7 Bar) Includes Ref. nos. 1 - 11

L50014697 Mast Support (7 x 7 Bar) Includes Ref. nos. 1 - 11

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50000920	Clamp	1	13	L6404011	Bushing	2
2	L50001272	Tension Bar	1	14	L6404018	Bushing	1
3	L50001280	Mast Support	1	15	L50000904	Hitch Pin	2
4	602-1016Z	Capscrew 5/8 x 4"	1	16	L50001247	Lower Hitch, Lt	1
5	602-1230Z	3/4 x 7-1/2" Capscrew 5x7" Bar	2	17	L50001248	Lower Hitch, Rt	1
	602-1238Z	3/4 x 9-1/2" Capscrew 7x7" Bar	2	18	L50001262	3/4" U - Bolt (Long)	2
6	604-1008Z	Carriage Bolt 5/8 x 2"	1	19	L50001263	3/4" U - Bolt	4
7	611-1001Z	Hex Nut 5/8"	2	20	L50001270	Mast, Lt	1
8	611-1201Z	Hex Nut 3/4"	14	21	L50001271	Mast, Rt	1
9	615-1000Z	Lockwasher 5/8"	2	22	602-1618Z	1 x 4-1/2" Capscrew	1
10	615-1200Z	Lockwasher 3/4"	14	23	611-1601Z	1" Hex Nut	1
11	616-1005Z	Flatwasher 5/8"	1	24	615-1601Z	1" Lockwasher	1
12	617-105	Klik Pin	2				

Ref #	Part Number	Description	Qty
1	L6461001	Cylinder Wall	1
2	L6461004	Piston Rod	1
3	L2061079	Piston Rod Guide	1
4	L2061080	Piston	1
5	L461020	Back Clevis	1
6	L6461002	Tie Rod	4
7	L461021	Clevis Pin	1
8	L461017	Shaft Clevis	1
9	L1561108	3/4 x 7/8 O - Ring	1
10	L1561102	1-1/4x1-1/2" O - Ring	1
11	L461025	Piston and Static Seal	3
12	L1561103	1-1/4 x 1-1/2" Back-Up Washer	1
13	L461026	Piston Gasket	2
14	L10352800	7/8" Jam Nut	1
15	611-0601F	3/8" Hex Nut	1
16	L461028	Tie Rod Nut	8
17	L1561104	1-1/4" Rod Wiper	1
18	602-0607F	3/8 x 1-3/4" Capscrew	1
19	L461177	Clip Pin	2
20	L6461003	Clevis Pin	1

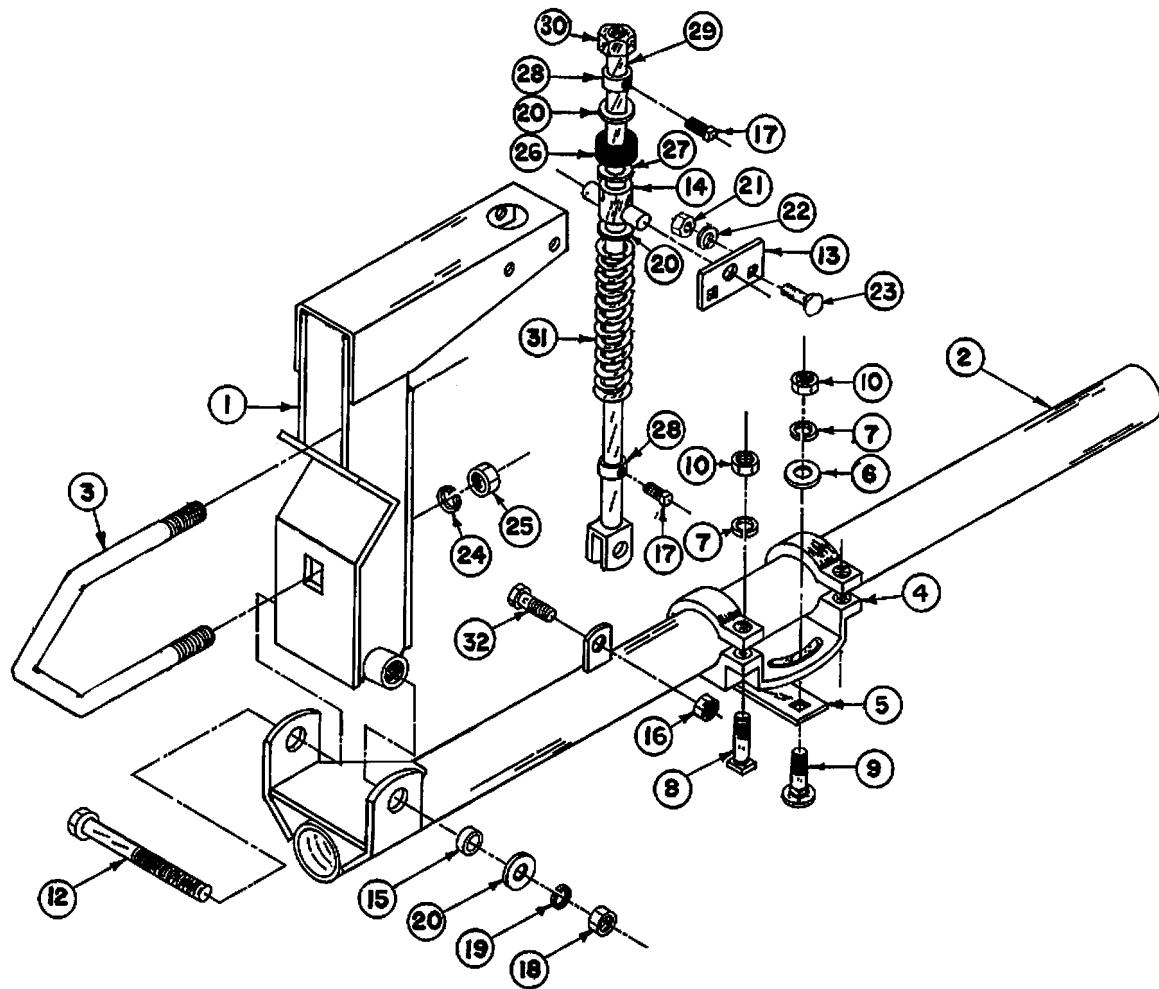
L6450008 Hydraulic Cylinder  
For Model Years 1977-1984  
L2061083 Seal Kit (Includes 9-13 & 17)  
For Model Years 1977-1984



L50005524 Hydraulic Cylinder .  
For Model Years 1981 - Current.

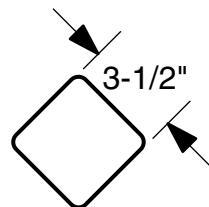
Ref #	Part Number	Description	Qty
1	L50005958	Cylinder Body	1
2	L50005959	Piston Rod	1
3	L50005960	Rod Guide	1
4	L50005961	Piston	1
5	L50005962	Clevis	1
6	L7661009	Clevis Pin	1
7	611-0601F	3/8" Hex Nut	1
8	602-0607F	3/8 x 1-3/4" Capscrew	1
9	L50006348	7/8" Locknut	1

Ref #	Part Number	Description	Qty
10	L50014865	Seal Kit (Includes Ref. No. 10-17)	1
11	L7661010	Back - Up Washer	2
12	L7661028	Back - Up Washer	1
13	L7661029	Rod Wiper	1
14	L1561108	O - Ring	1
15	L50005964	O - Ring	1
16	L7661011	O - Ring	2
17	L50005966	Retaining Ring	1
18	L50005967	Retaining Ring	1

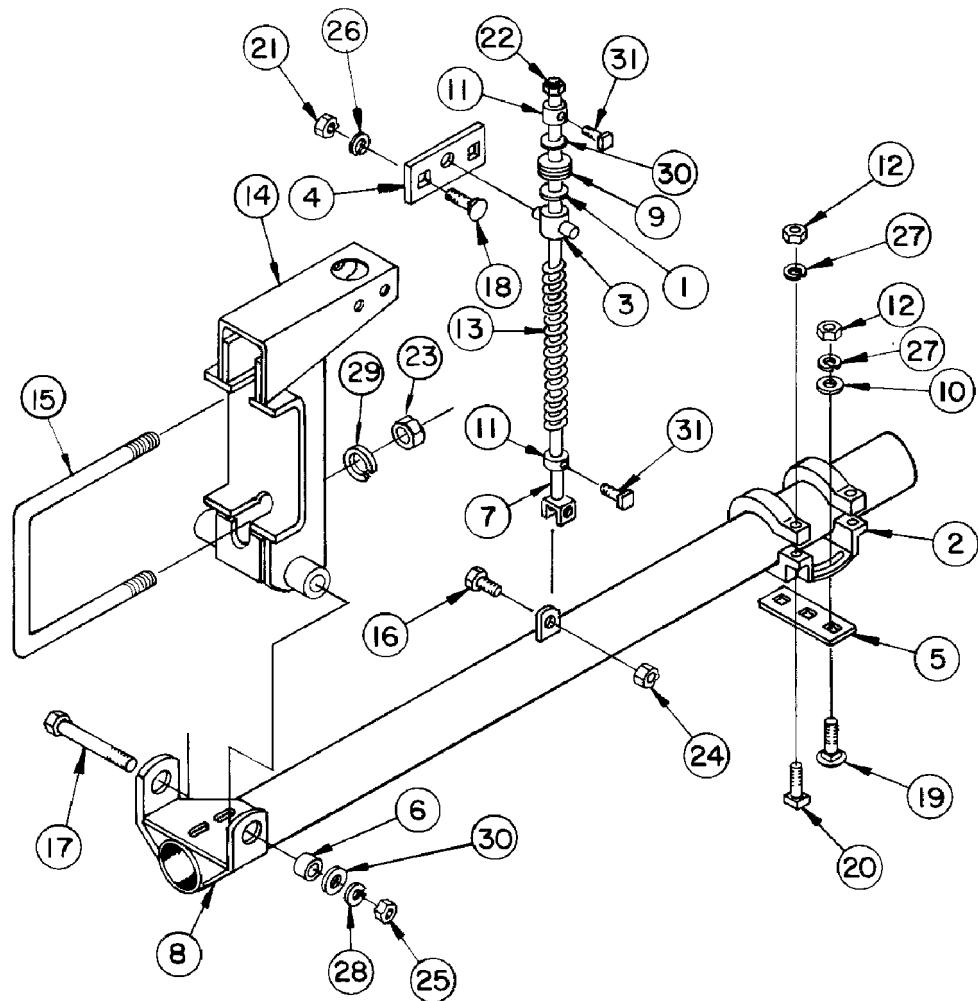


Gang Pipes For Model Years 1967 - 1977  
 L2099027 Rear Gang Pipe Assembly, Long  
 L2099028 Rear Gang Pipe Assembly, Short

Note: Mounting  
 Bracket fits 3-1/2"  
 Diamond Tool Bar



Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50004143	Pipe Support	1	17	606-0803Z	1/2" x 3/4" Sq. Hd. Setscrew	2
2	L2008039	Long Gang Pipe	1	18	613-1003Z	5/8" Locknut	1
	L2008040	Short Gang Pipe	1	19	615-1000Z	5/8" Lockwasher	1
3	L2003017	U-Bolt, 3/4"	1	20	616-1005Z	5/8" Flatwasher	4
4	L1400005	Gang Pivot Clamp	1	21	611-0601Z	3/8" Hex Nut	4
5	L2003079	Gang Spacer	1	22	615-0600Z	3/8" Lockwasher	4
6	L2050009	1/2" H.T. Washer	2	23	604-0604Z	3/8 x 1" Carriage Bolt, Gr. 5	4
7	615-0800Z	1/2" Lockwasher	4	24	615-1200Z	3/4" Lockwasher	2
8	L7161630	1/2 x 3" Square Bolt, Gr. 5	2	25	611-1201Z	3/4" Hex Nut	2
9	604-0807Z	1/2 x 1-3/4" Crg. Bolt, Gr. 5	2	26	L2050008	Spring Buffer	1
10	611-0801Z	1/2" Hex Nut	4	27	L1050018	Washer	1
12	602-1030Z	5/8 x 7-1/2" Bolt	1	28	L2050065	11/16 x 1-3/8" Adj. Collar	2
13	L2003018	Trunion Bracket	2	29	L2008009	Tension Rod	1
14	L1400036	Trunnion	1	30	611-1001Z	5/8" Hex Nut	1
15	L2004021	9/16" Pivot Bushing	2	31	L2050002	Rear Pressure Spring	1
16	613-0801Z	1/2" Locknut	1	32	602-0806Z	1/2 x 1-1/2" Capscrew, Gr. 5	1



L50012569 Short Pipe With Clamp

Includes All items except 15, 23, 29

L50012570 Long Pipe With Clamp

Includes All items except 15, 23, 29

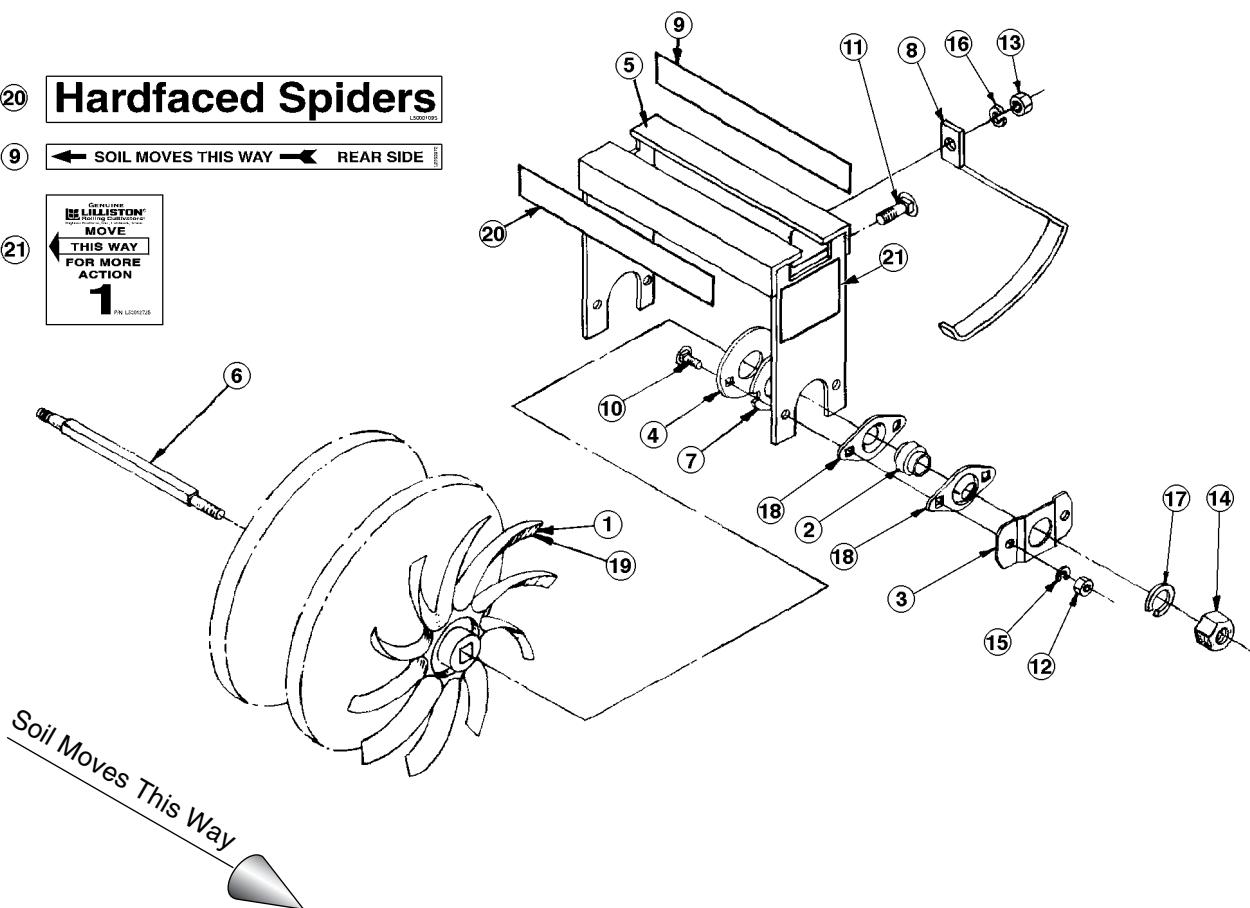
L50010129 7x7 U-Bolt Package Includes items 15, 23, 29

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L1050018	Washer	1	16	602-0806Z	1/2 x 1-1/2" Capscrew	1
2	L1400005	Gang Pivot Clamp	1	17	602-1030Z	5/8 x 7-1/2" Capscrew	1
3	L1400036	Trunnion	1	18	604-0604Z	3/8 x 1" Carriage Bolt	4
4	L2003018	Trunnion Bracket	2	19	604-0807Z	1/2 x 1-3/4" Carriage Bolt	2
5	L2003079	Gang Spacer	1	20	L7161630	1/2 x 3" Square Bolt	2
6	L2004021	Bushing	2	21	611-0601Z	3/8" Hex Nut	4
7	L2008009	Tension Rod	1	22	611-1001Z	5/8" Hex Nut	1
8	L2008040	Gang Pipe, Short	1	23	611-1201Z	3/4" Hex Nut	2
	L6408008	Gang Pipe, Long	1	24	613-0801Z	1/2" Locknut	1
9	L2050008	Spring Buffer	1	25	613-1003Z	5/8" Locknut	1
10	L2050009	H.T. Washer	2	26	615-0600Z	3/8" Lockwasher	4
11	L2050065	Adjusting Collar	2	27	615-0800Z	1/2" Lockwasher	4
12	613-0801Z	1/2" Hex Nut	4	28	615-1000Z	5/8" Lockwasher	1
13	L6450003	Spring	1	29	615-1200Z	3/4" Lockwasher	2
14	L50004213	Pipe Support	1	30	616-1000Z	5/8" Flatwasher	3
15	L50010128	U - Bolt (7x7)	1	31	606-0803Z	1/2 x 3/4" Setscrew	2
	L50010126	U - Bolt (5x7)	1				

**②ⓧ Hardfaced Spiders**

⑨ ← SOIL MOVES THIS WAY → REAR SIDE

⑪ ← MOVE THIS WAY FOR MORE ACTION 1 P/N L50012725



14.5 In. Dia. Slicer Tine Gang No. 1  
Includes items 1-18

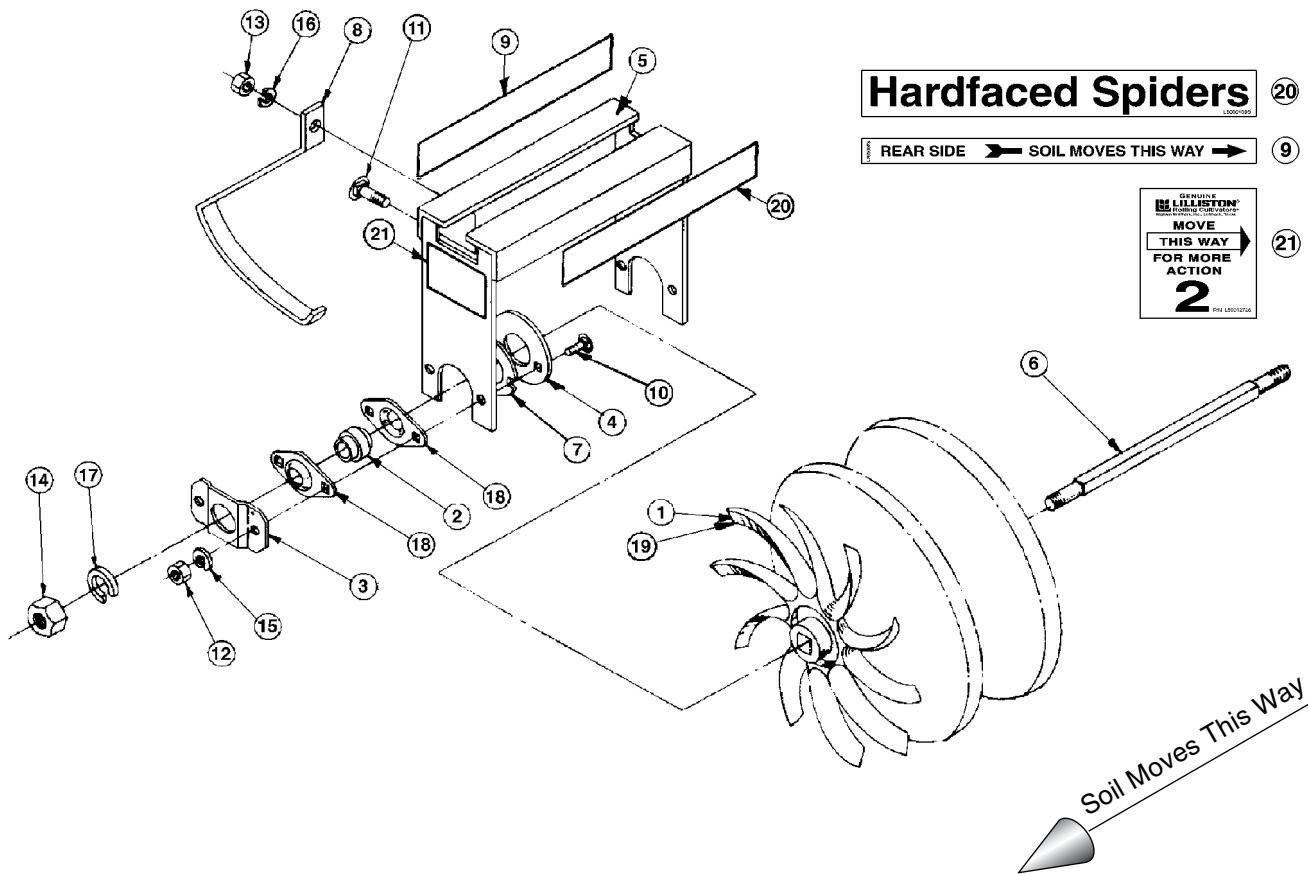
L2099080 2 Spider Gang  
L2099066 3 Spider Gang  
L2099029 4 Spider Gang  
L2099033 5 Spider Gang

14.5 In. Dia. Slicer Tine Gang No. 1  
(Hard Surface) Includes items 2-20

L50001061 3 Spider Gang  
L50001031 4 Spider Gang  
L50001033 5 Spider Gang  
For Model Years 1985-Current

Ref #	Part Number	Description	Qty
1	L2000030	No. 1 Spider, 15/16" Sq-Blk	A/R
2	L2061001	Bearing	2
3	L2007010	Rear Seal Guard	2
4	L2050092	Inner Bearing Shield	2
5	L2008138	Rear Fork, 2 Spider	1
	L2008112	Rear Fork, 3 Spider	1
	L2008021	Rear Fork, 4 Spider	1
	L2008020	Rear Fork, 5 Spider	1
6	L2003285	H.D. Axle, 2 Spider	1
	L2003238	H.D. Axle, 3 Spider	1
	L2003175	H.D. Axle, 4 Spider	1
	L2003176	H.D. Axle, 5 Spider	1
7	L2007009	Inner Seal Guard	2
8	L2050016	Scraper	A/R

Ref #	Part Number	Description	Qty
9	L2050072	Rear Gang Decal, Lt.	1
10	604-0505Z	5/16 x 1-1/4" Carriage Bolt	4
11	604-0605Z	3/8 x 1-1/4" Carriage Bolt	A/R
12	611-0501Z	5/16" Hex Nut	4
13	611-0601Z	3/8" Hex Nut	A/R
14	611-1410Z	7/8" Hex Nut	2
15	615-0500Z	5/16" Lockwasher	4
16	615-0600Z	3/8" Lockwasher	A/R
17	615-1400Z	7/8" Lockwasher	2
18	L461099	Flanette (52mm)	4
19	L50001023	No. 1 Spider, H.S.15/16" Sq-Red	A/R
20	L50001095	Decal, Hardfaced Spiders	1
21	L50012725	No. 1 Decal	2



**14.5 In. Dia. Slicer Tine Gang No. 2**  
Includes items 1-18

L2099081	2 Spider Gang
L2099067	3 Spider Gang
L2099030	4 Spider Gang
L2099034	5 Spider Gang

**14.5 In. Dia. Slicer Tine Gang No. 2  
(Hard Surface)** Includes items 2-20  
For Model Years 1985-Current

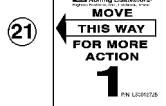
L50001062	3 Spider Gang
L50001032	4 Spider Gang
L50001034	5 Spider Gang

Ref #	Part Number	Description	Qty
1	L2000031	No. 2 Spider, 15/16" Sq-Blk	A/R
2	L2061001	Bearing	2
3	L2007010	Rear Seal Guard	2
4	L2050092	Inner Bearing Shield	2
5	L2008138	Rear Fork, 2 Spider	1
	L2008112	Rear Fork, 3 Spider	1
	L2008021	Rear Fork, 4 Spider	1
	L2008020	Rear Fork, 5 Spider	1
6	L2003285	H.D. Axle, 2 Spider	1
	L2003238	H.D. Axle, 3 Spider	1
	L2003175	H.D. Axle, 4 Spider	1
	L2003176	H.D. Axle, 5 Spider	1
7	L2007009	Inner Seal Guard	2
8	L2050016	Scraper	A/R

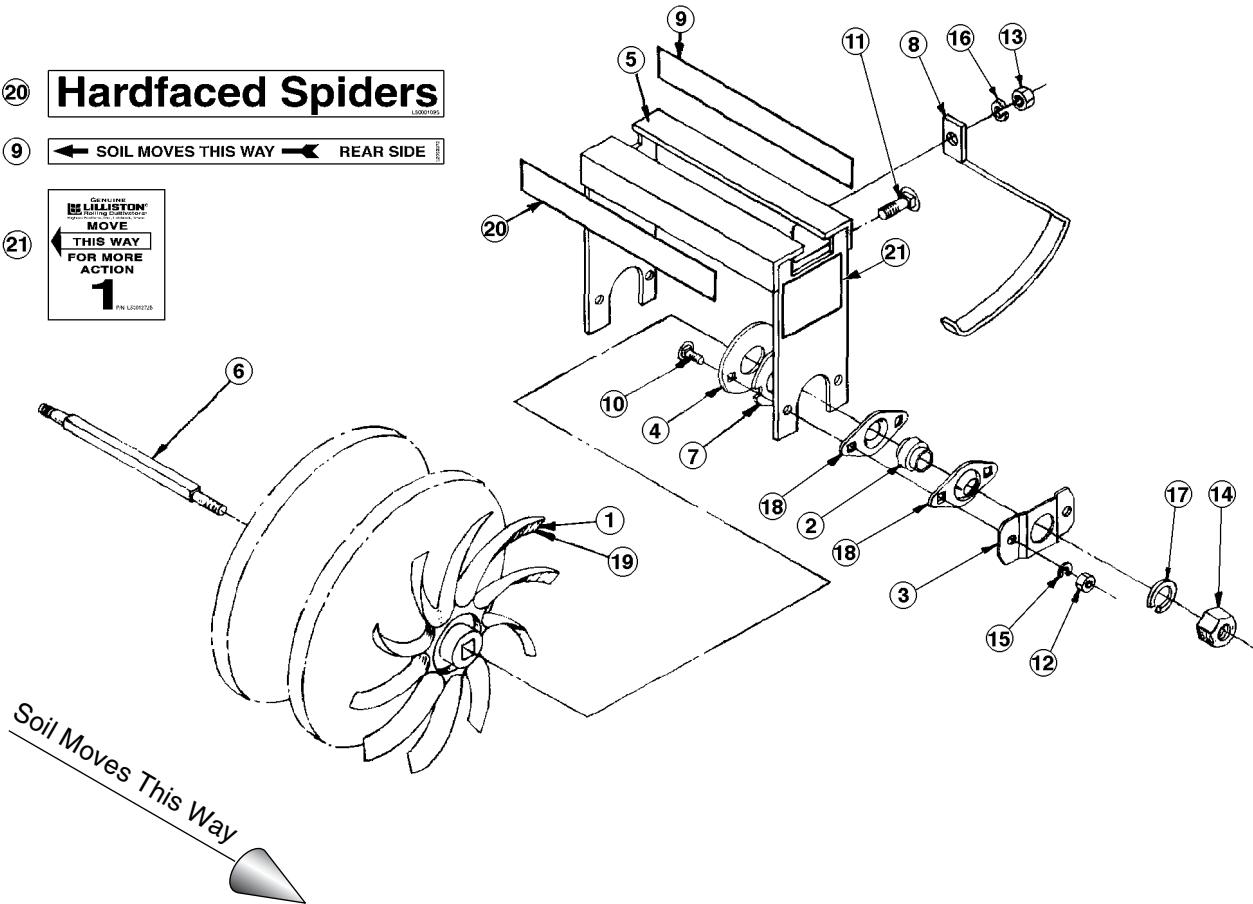
Ref #	Part Number	Description	Qty
9	L2050073	Rear Gang Decal, Rt.	1
10	604-0505Z	5/16 x 1-1/4" Carriage Bolt	4
11	604-0605Z	3/8 x 1-1/4" Carriage Bolt	A/R
12	611-0501Z	5/16" Hex Nut	4
13	611-0601Z	3/8" Hex Nut	A/R
14	611-1610Z	7/8" Hex Nut	2
15	615-0500Z	5/16" Lockwasher	4
16	615-0600Z	3/8" Lockwasher	A/R
17	615-1400Z	7/8" Lockwasher	2
18	L461099	Flanette (52mm)	4
19	L50001024	No. 2 Spider, H.S. 15/16" Sq-Red	A/R
20	L50001095	Decal, Hardfaced Spiders	1
21	L50012726	No. 2 Decal	2

**20 Hardfaced Spiders**

9 SOIL MOVES THIS WAY REAR SIDE



Genuine LILLISTON  
Hardfaced Spiders  
MOVE  
THIS WAY  
FOR MORE  
ACTION  
**1**  
PN L5001095



**16 In. Dia. Slicer Tine Gang No. 1**  
Includes items 1-18

L6499003 3 Spider Gang  
L6499005 4 Spider Gang  
L6499007 5 Spider Gang

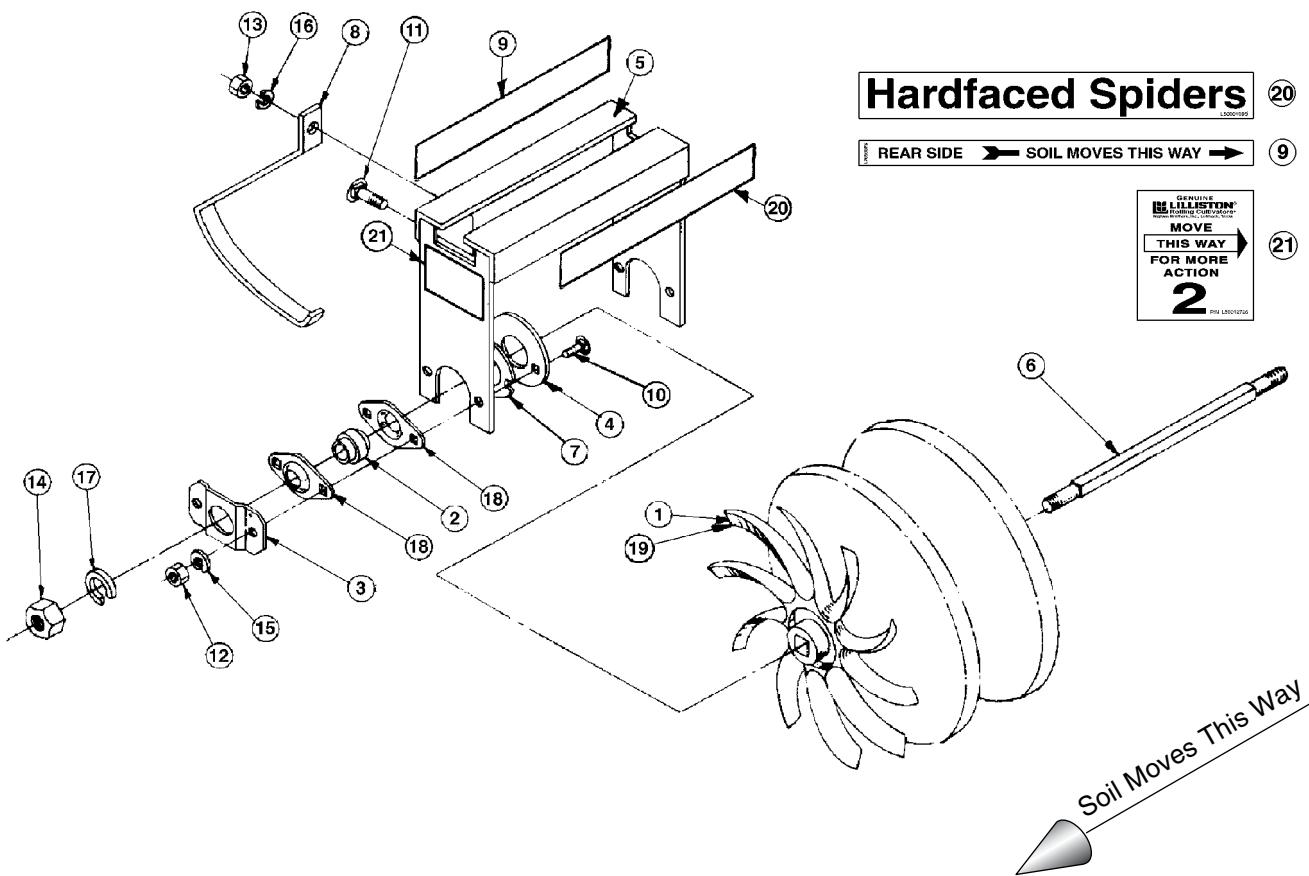
**16 In. Dia. Slicer Tine Gang No. 1  
(Hard Surface) Includes items 2-20**

L50001035 3 Spider Gang  
L50001037 4 Spider Gang  
L50001039 5 Spider Gang

For Model Years 1977-Current

Ref #	Part Number	Description	Qty
1	L6400001	No. 1 Spider, 15/16" Sq-Blk	A/R
2	L2061001	Bearing	2
3	L2007010	Rear Seal Guard	2
4	L2050092	Inner Bearing Shield	2
5	L6408002	Rear Fork, 3 Spider	1
	L6408003	Rear Fork, 4 Spider	1
	L6408004	Rear Fork, 5 Spider	1
6	L2003238	H.D. Axle, 3 Spider	1
	L2003175	H.D. Axle, 4 Spider	1
	L2003176	H.D. Axle, 5 Spider	1
7	L2007009	Inner Seal Guard	2
8	L6450001	Scraper	A/R
9	L2050072	Rear Gang Decal, Lt.	1

Ref #	Part Number	Description	Qty
10	604-0505Z	5/16 x 1-1/4" Carriage Bolt	4
11	604-0605Z	3/8 x 1-1/4" Carriage Bolt	A/R
12	611-0501Z	5/16" Hex Nut	4
13	611-0601Z	3/8" Hex Nut	A/R
14	611-1410Z	7/8" Hex Nut	2
15	615-0500Z	5/16" Lockwasher	4
16	615-0600Z	3/8" Lockwasher	A/R
17	615-1400Z	7/8" Lockwasher	2
18	L461099	Flanette (52mm)	4
19	L50001027	No. 1 Spider, H.S. 15/16" Sq-Red	A/R
20	L50001095	Decal, Hardfaced Spiders	1
21	L50012725	No. 1 Decal	2



## 16 In. Dia. Slicer Tine Gang No. 2

Includes items 1-18

L6499004	3 Spider Gang
L6499006	4 Spider Gang
L6499008	5 Spider Gang

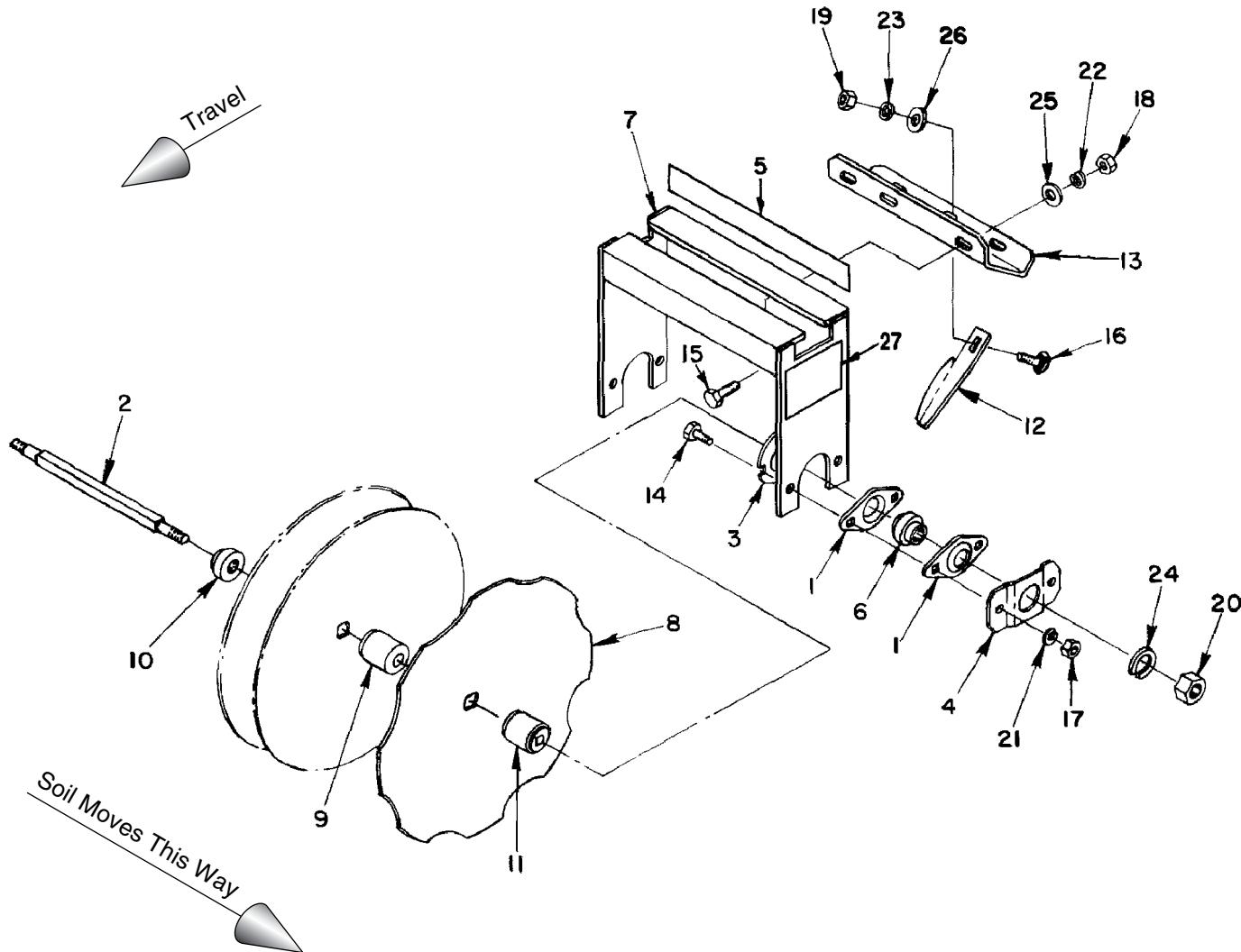
For Model Years 1977-Current

16 In. Dia. Slicer Tine Gang No. 2  
(Hard Surface) Includes items 2-20

L50001036	3 Spider Gang
L50001038	4 Spider Gang
L50001040	5 Spider Gang

Ref #	Part Number	Description	Qty
1	L6400002	No. 2 Spider, 15/16" Sq-Blk	A/R
2	L2061001	Bearing	2
3	L2007010	Rear Seal Guard	2
4	L2050092	Inner Bearing Shield	2
5	L6408002	Rear Fork, 3 Spider	1
	L6408003	Rear Fork, 4 Spider	1
	L6408004	Rear Fork, 5 Spider	1
6	L2003238	H.D. Axle, 3 Spider	1
	L2003175	H.D. Axle, 4 Spider	1
	L2003176	H.D. Axle, 5 Spider	1
7	L2007009	Inner Seal Guard	2
8	L6450001	Scraper	A/R
9	L2050073	Rear Gang Decal, Rt.	1

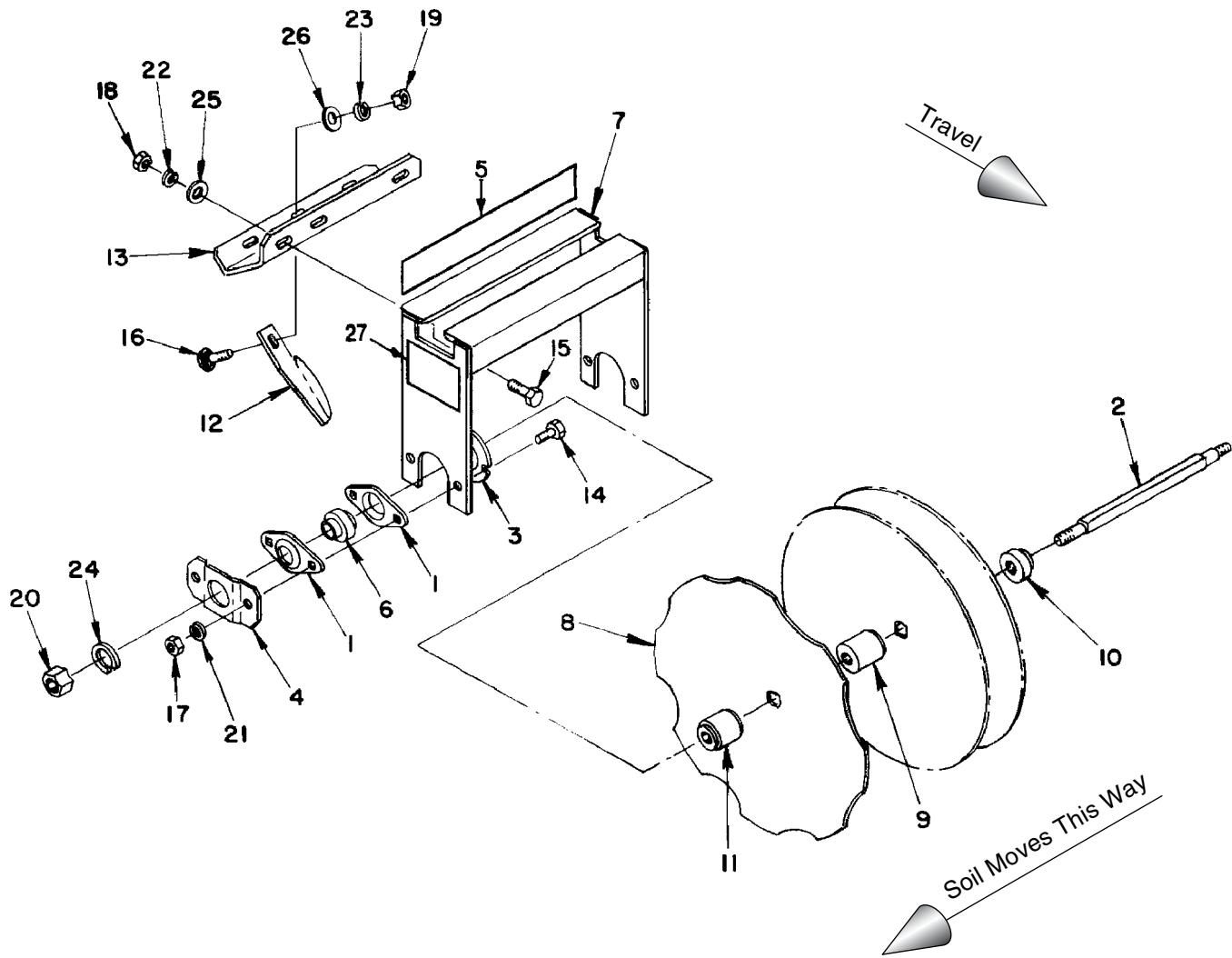
Ref #	Part Number	Description	Qty
10	604-0505Z	5/16 x 1-1/4" Carriage Bolt	4
11	604-0605Z	3/8 x 1-1/4" Carriage Bolt	A/R
12	611-0501Z	5/16" Hex Nut	4
13	611-0601Z	3/8" Hex Nut	A/R
14	610-1410Z	7/8" Hex Nut	2
15	615-0500Z	5/16" Lockwasher	4
16	615-0600Z	3/8" Lockwasher	A/R
17	615-1400Z	7/8" Lockwasher	2
18	L461099	Flangette (52mm)	4
19	L50001028	No. 2 Spider, H.S. 15/16" Sq-Red	A/R
20	L50001095	Decal, Hardfaced Spiders	1
21	L50012726	No. 2 Decal	2



### 3 & 4 Disc Gang No. 1 For Model Year 1985-Current

L50010690      3 Disc Gang No. 1  
L50010703      4 Disc Gang No. 1

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L461099	Flangette (52mm)	4	13	L50010699	Scraper Rail, 3 Disc	1
2	L2003175	H.D. Axle, 3 Disc	1	14	L50010706	Scraper Rail, 4 Disc	1
	L2003176	H.D. Axle, 4 Disc	1	15	602-0505Z	Capscrew, 5/16 x 1-1/4" Gr. 5	4
3	L2007009	Inner Seal Guard	2	16	602-0605Z	Capscrew, 3/8 x 1-1/4" Gr. 5	3
4	L2007010	Rear Seal Guard	2	17	604-0705Z	Carriage Bolt, 7/16 x 1-1/4"	A/R
5	L2050072	Rear Gang Decal, Lt.	1	18	611-0501Z	5/16" Hex Nut	4
6	L2061001	15/16" Bearing	2	19	611-0601Z	3/8" Hex Nut	3
7	L6408003	H.D. Rear Fork, 3 Disc	1	20	611-0701Z	7/16" Hex Nut	A/R
	L6408004	H.D. Rear Fork, 4 Disc	1	21	611-1401Z	7/8" Hex Nut	2
8	L50010691	16 In. Disc	A/R	22	615-0500Z	5/16" Lockwasher	4
9	L50010692	Spacer	A/R	23	615-0600Z	3/8" Lockwasher	3
10	L50010693	Spacer	1	24	615-0700Z	7/16" Lockwasher	A/R
11	L50010696	Spacer, 3 Disc	1	25	615-1400	7/8" Lockwasher	2
	L50010704	Spacer, 4 Disc	1	26	616-0600Z	3/8" Flatwasher	3
12	L50010698	Scraper	A/R	27	616-0700Z	7/16" Flatwasher	A/R
					L50012725	No. 1 Decal	2



## 3 &amp; 4 Disc Gang No. 2 For Model Year 1985-Current

L50010700

3 Disc Gang No. 2

L50010707

4 Disc Gang No. 2

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L461099	Flangette (52mm)	4	13	L50010702	Scraper Rail, 3 Disc	1
2	L2003175	H.D. Axle, 3 Disc	1	14	L50010708	Scraper Rail, 4 Disc	1
	L2003176	H.D. Axle, 4 Disc	1	15	602-0505Z	Capscrew, 5/16 x 1-1/4" Gr. 5	4
3	L2007009	Inner Seal Guard	2	16	602-0605Z	Capscrew, 3/8 x 1-1/4" Gr. 5	3
4	L2007010	Rear Seal Guard	2	17	604-0705Z	Carriage Bolt, 7/16 x 1-1/4"	A/R
5	L2050073	Rear Gang Decal, Rt.	1	18	611-0501Z	5/16" Hex Nut	4
6	L2061001	15/16" Bearing	2	19	611-0601Z	3/8" Hex Nut	3
7	L6408003	H.D. Rear Fork, 3 Disc	1	20	611-0701Z	7/16" Hex Nut	A/R
	L6408004	H.D. Rear Fork, 4 Disc	1	21	611-1401Z	7/8" Hex Nut	2
8	L50010691	16 In. Disc	A/R	22	615-0500Z	5/16" Lockwasher	4
9	L50010692	Spacer	A/R	23	615-0600Z	3/8" Lockwasher	3
10	L50010693	Spacer	1	24	615-0700Z	7/16" Lockwasher	A/R
11	L50010696	Spacer, 3 Disc	1	25	615-1400	7/8" Lockwasher	2
	L50010704	Spacer, 4 Disc	1	26	616-0600Z	3/8" Flatwasher	3
12	L50010701	Scraper	A/R	27	616-0700Z	7/16" Flatwasher	A/R
					L50012726	No. 2 Decal	2

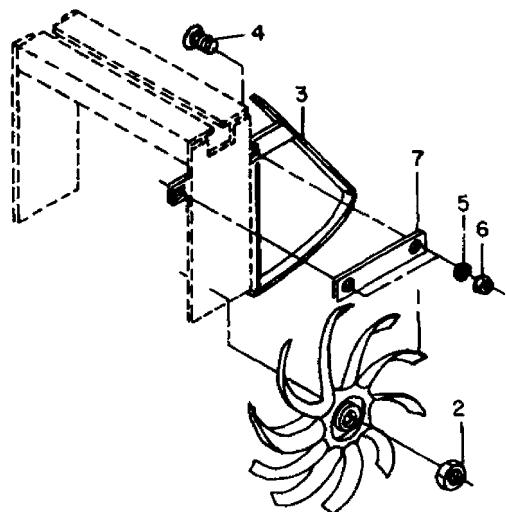
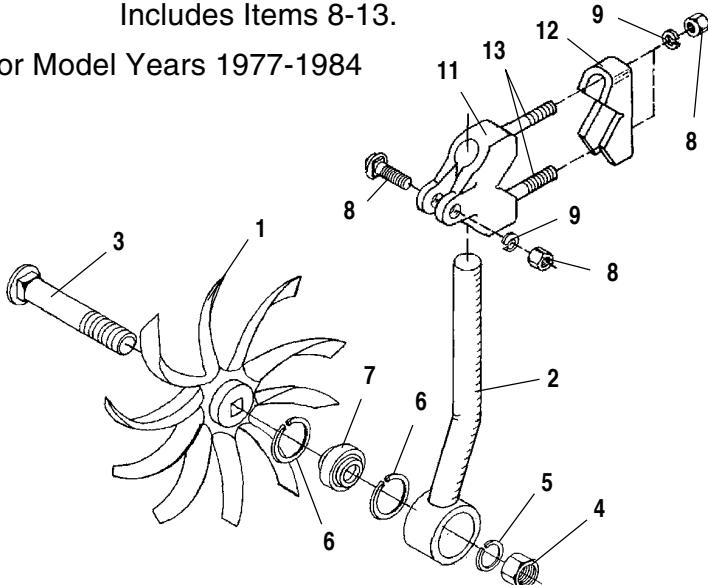
L2010081 No. 1 Spider/Shank Assembly  
Includes Items 1- 7.

L2010082 No. 2 Spider/Shank Assembly  
Includes Items 1- 7.

L2010069 Clamp Assembly  
Includes Items 8-13.

For Model Years 1977-1984

Ref #	Part Number	Description	Qty
1	L2000034	Spider, 12.5" #1 3/4 Sq. Bore	1
	L2000035	Spider, 12.5" #2 3/4 Sq. Bore	1
2	L2010083	Shank, Twin Row	1
3	604-1212Z	3/4" x 3" Carriage Bolt, Gr. 5	1
4	611-1201Z	3/4" Hex Nut	1
5	615-1200Z	3/4" Lockwasher	1
6	L2050095	Retaining Ring	2
7	L2050144	Bearing	1
8	602-0807Z	1/2 x 1-3/4" Carriage Bolt, Gr. 5	1
9	611-0801Z	1/2" N.C. Hex Nut	3
10	615-0800Z	1/2" Lockwasher	3
11	L2000050	Row Gang, Clamp	1
12	L2000036	Clamp Bracket	1
13	L7161630	1/2 x 3" Sq. Bolt, Gr. 5	2



L6420013 Add-on Spider Kit, 16" No. 1 Gang (Plain)

L50014812 Add-on Spider Kit, 16" No. 1 Gang  
(Hard Surfaced)

For Model Years 1975- Current

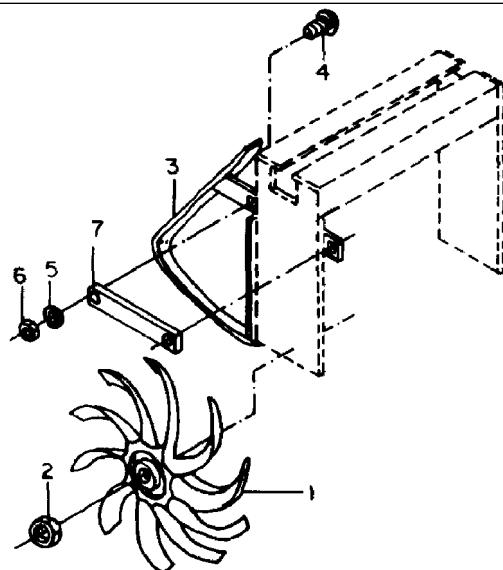
Ref #	Part Number	Description	Qty
1	L6400007	No. 1 Spider, Threaded	1
	L50014809	No. 1 Spider, Hard Surfaced	1
2	614-1401Z	7/8" Jam Nut	1
3	L2008184	Add-On Scraper	1
4	604-0606Z	3/8 x 1-1/2" Carriage Bolt	2
5	615-0600Z	3/8" Lockwasher	2
6	611-0601Z	3/8" Hex Nut	2
7	L2003355	Clamp	1

L6420014 Add-on Spider Kit, 16" No. 2 Gang (Plain)

L50014813 Add-on Spider Kit, 16" No. 2 Gang  
(Hard Surfaced)

For Model Years 1975 - Current

Ref #	Part Number	Description	Qty
1	L6400008	No. 2 Spider, Threaded	1
	L50014811	No. 2 Spider, Hard Surfaced	1
2	614-1401Z	7/8" Jam Nut	1
3	L2008184	Add-On Scraper	1
4	604-0606Z	3/8 x 1-1/2" Carriage Bolt	2
5	615-0600Z	3/8" Lockwasher	2
6	611-0601Z	3/8" Hex Nut	2
7	L2003355	Clamp	1



Gang Extension Kit

S-Tine Mount Kits

Add-On Spiders -

(14-1/2")

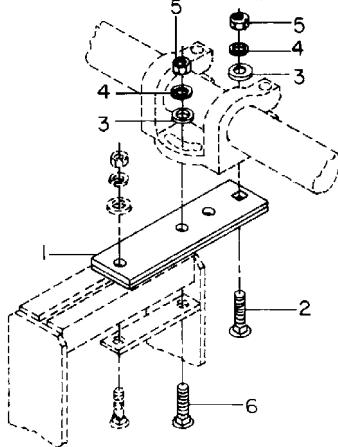
L1420007 Gang Extention Kit

One Kit required per row.

For Model Years 1974-1985.

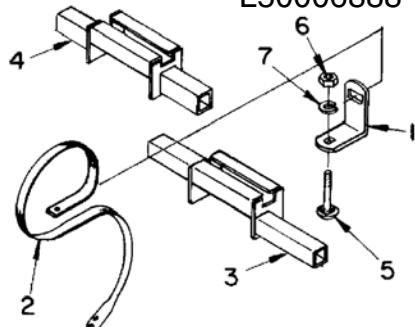
**BIGHAM BROTHERS, INC.**

Ref #	Part Number	Description	Qty
1	L2008174	Gang Extension Bar	1
2	604-0810Z	1/2 x 2" Carriage Bolt	1
3	L2050009	1/2" H.T. Washer	2
4	615-0800Z	1/2" Lockwasher	2
5	611-0801Z	1/2" Hex Nut	2
6	604-0808Z	1/2 x 2-1/2" Carriage Bolt	1

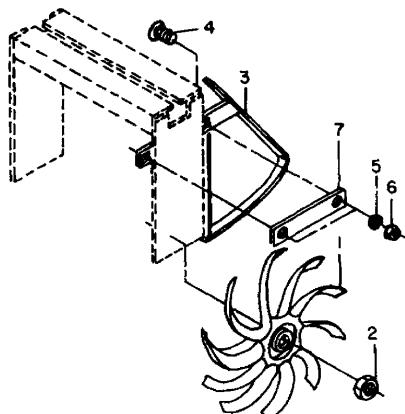


L50006887 Double Tine Mount Includes items 1-3, 5-7.

L50006888 Double Tine Mount Includes items 1, 2, 4, 5-7.



Ref #	Part Number	Description	Qty
1	L50008384	Clamp	2
2	L6650038	Shank	2
3	L50006499	Tine Mount, 11"	1
4	L50006500	Tine Mount, 7"	1
5	604-0812Z	1/2 x 3" Carriage Bolt	2
6	611-0801Z	1/2" Hex Nut	2
7	615-0800Z	1/2" Lockwasher	2



L2020042 Add-on Spider Kit, 14-1/2"  
No. 1 Gang (Plain)

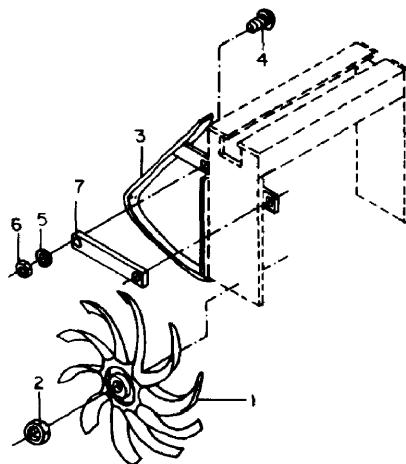
For Model Years 1975- Current

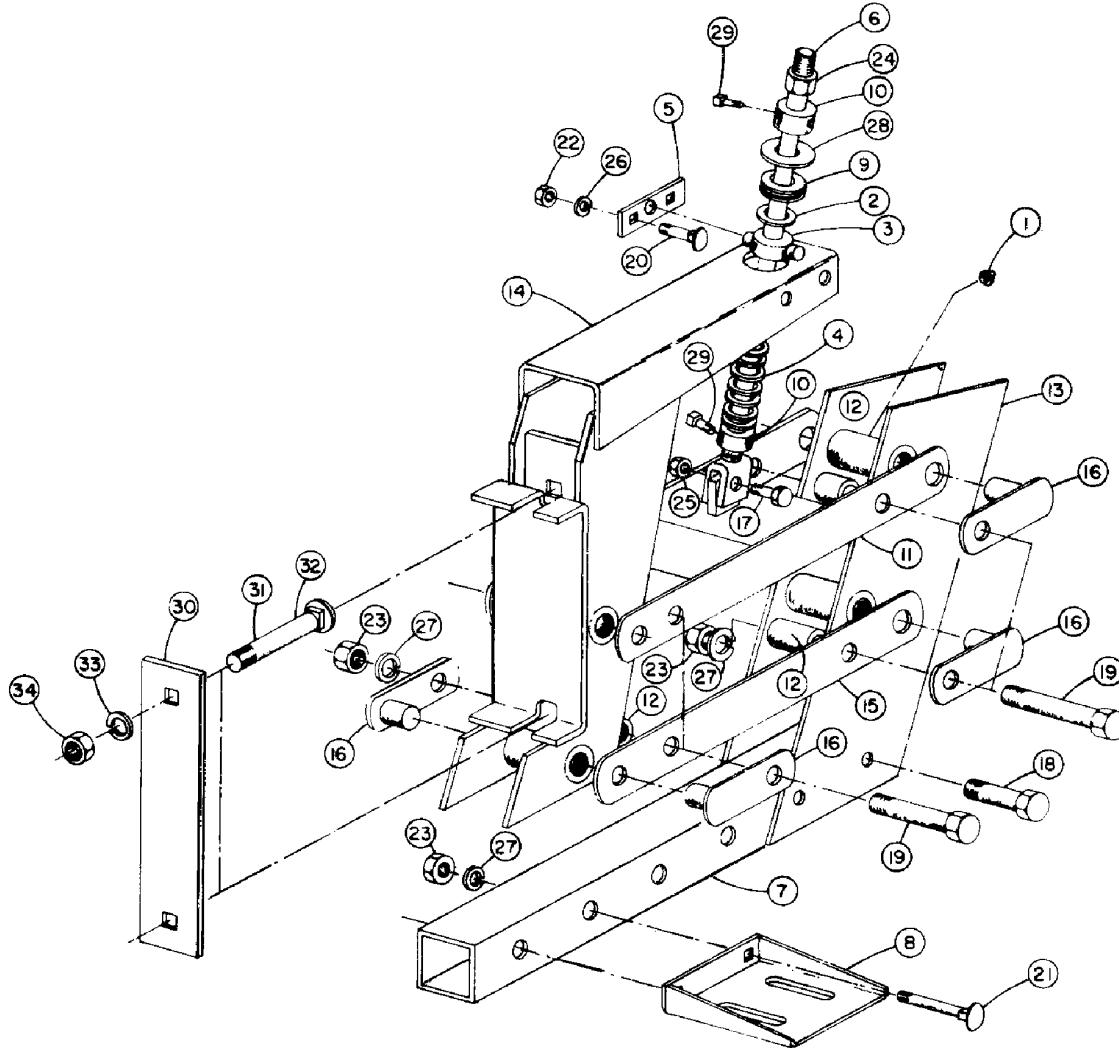
Ref #	Part Number	Description	Qty
1	L2000032	No. 1 Spider, Threaded	1
2	614-1401Z	7/8" Jam Nut	1
3	L2008184	Add-On Scraper	1
4	604-0606Z	3/8 x 1-1/2" Carriage Bolt	2
5	615-0600Z	3/8" Lockwasher	2
6	611-0601Z	3/8" Hex Nut	2
7	L2003355	Clamp	1

L2020043 Add-on Spider Kit, 14-1/2"  
No. 2 Gang (Plain)

For Model Years 1975 - Current

Ref #	Part Number	Description	Qty
1	L2000033	No. 2 Spider, Threaded	1
2	614-1401Z	7/8" Jam Nut	1
3	L2008184	Add-On Scraper	1
4	604-0606Z	3/8 x 1-1/2" Carriage Bolt	2
5	615-0600Z	3/8" Lockwasher	2
6	611-0601Z	3/8" Hex Nut	2
7	L2003355	Clamp	1

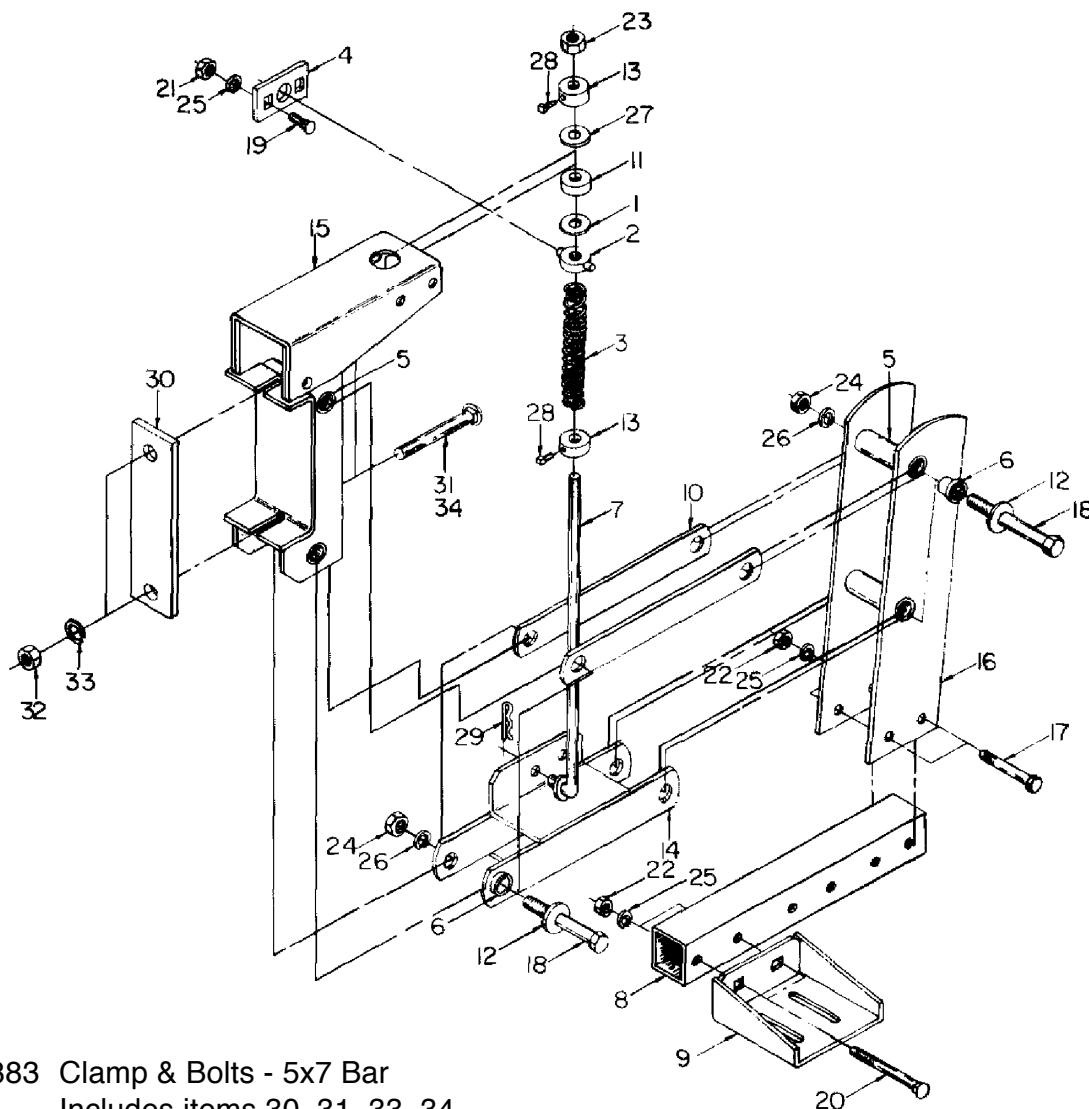




Row Gang Support  
For Model Years 1977-1978

L50000882 Clamp & Bolts - 8  
Includes items 30, 31, 33, 34.  
L50000886 Clamp & Bolts - 10  
Includes items 30, 32, 33, 34.

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L150033	1/4-28 NF2 ST Fitting	4	18	602-0813Z	1/2 x 3-1/4" Capscrew, Gr. 5	2
2	L1050018	Washer	1	19	602-0818Z	1/2 x 4-1/2" Capscrew, Gr. 5	4
3	L1400036	Trunnion	1	20	604-0604Z	3/8 x 1" Carriage Bolt, Gr. 5	4
4	L1450051	Front Pressure Spring	1	21	604-0812Z	1/2 x 3" Carriage Bolt, Gr. 5	4
5	L2003018	Trunnion Bracket	2	22	611-0601Z	3/8" Hex Nut	4
6	L2008009	Tension Rod	1	23	611-0801Z	1/2" Hex Nut	8
7	L2008060	Row Gang Beam	1	24	611-1001Z	5/8" Hex Nut	1
8	L2008061	Heavy Beam Plate	2	25	613-0801Z	1/2" Locknut	3
9	L2050008	Spring Buffer	1	26	615-0600Z	3/8" Lockwasher	4
10	L2050065	11/16 x 1-3/8" Adj. Collar	2	27	615-0800Z	1/2" Lockwasher	8
11	L6403067	Top Link	2	28	615-1000Z	5/8" Flatwasher	1
12	L6404032	Spacer	4	29	606-0803Z	1/2 x 3/4" Sq. Hd. Setscrew	2
13	L6408041	Row Gang Arm	1	30	L50000920	Clamp	1
14	L6408042	Row Gang Support	1	31	604-1232Z	3/4 x 8" Carriage Bolt, Gr. 5	2
15	L6408043	Lower Link	1	32	604-1240Z	3/4 x 10" Carriage Bolt	2
16	L6408044	Pivot Pin	8	33	615-1200Z	3/4" Lockwasher	2
17	602-0806Z	1/2 x 1-1/2" Capscrew, Gr. 5	1	34	611-1201Z	3/4" Hex Nut	2

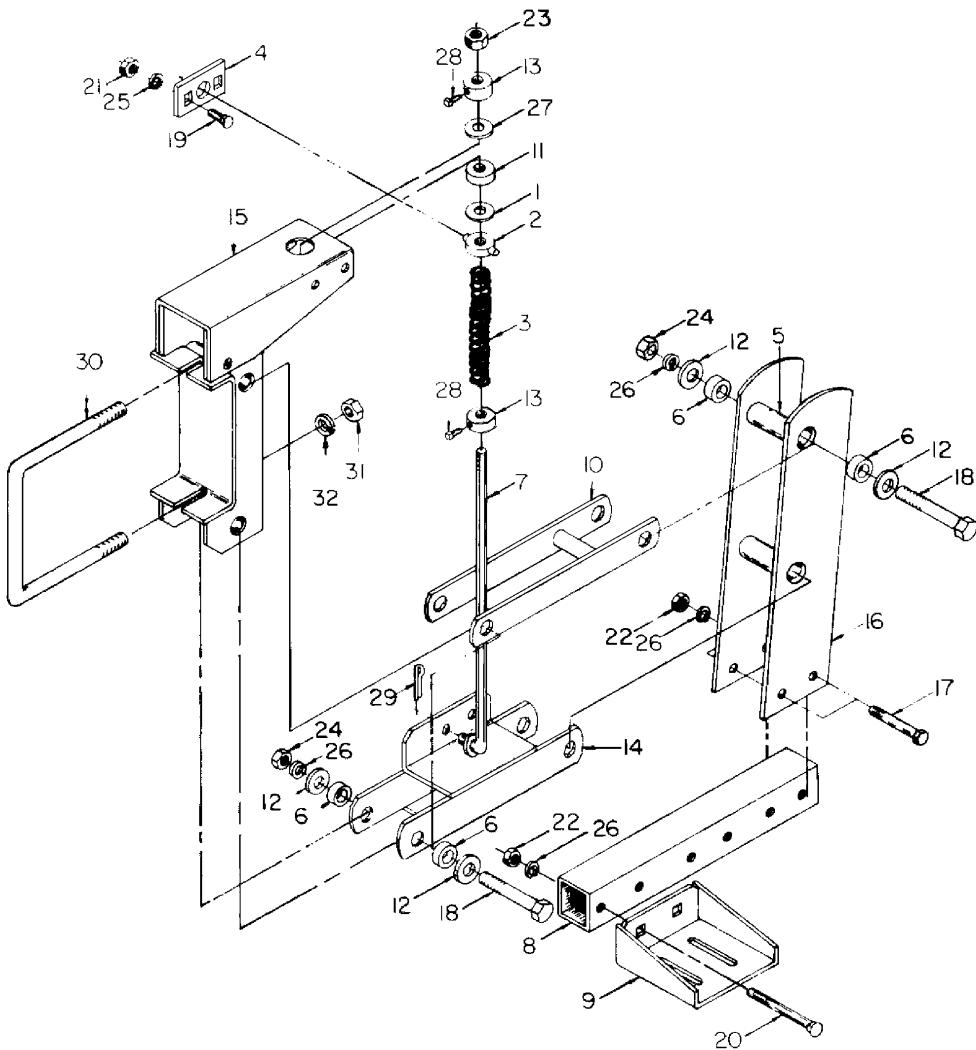


- L50000883 Clamp & Bolts - 5x7 Bar  
Includes items 30, 31, 33, 34.  
L50000887 Clamp & Bolts - 7x7 Bar  
Includes items 30, 32, 33, 34

**L50003936 Row Gang Support  
For Model Years 1979-1984**

Ref #	Part Number	Description	Qty
1	L1050018	Washer, 5/8 F436 Hard	1
2	L1400036	Trunion	1
3	L1450051	Ft. Pressure Spring	1
4	L2003018	Trunnion Brkt.	2
5	L2004005	Bottom Spacer	2
6	L2004039	Pivot Bushing	8
7	L2008014	Pressure Rod	1
8	L2008060	Row Gang Beam	1
9	L2008061	Heavy Beam Plate	2
10	L2008072	Top Link	1
11	L2050008	Spring Buffer	1
12	L2050009	1/2" H.T. Washer	8
13	L2050065	Adj. Collar 11/16" x 1-3/8"	2
14	L50003930	Link Bottom	1
15	L50003931	Gang Support Brkt.	1
16	L50003934	Row Gang Support	2
17	602-0813Z	1/2" x 3-1/4" Capscrew, Gr. 5	2

Ref #	Part Number	Description	Qty
18	602-0818Z	1/2" x 4-1/2" Capscrew, Gr. 5	4
19	604-0604Z	3/8" x 1" Carriage Bolt, Gr. 5	4
20	604-0812Z	1/2" x 3" Carriage Bolt, Gr. 5	4
21	611-0601Z	3/8" Hex Nut	4
22	611-0801Z	1/2" Hex Nut	6
23	611-1001Z	5/8" Hex Nut	1
24	613-0801Z	1/2" Locknut	4
25	615-0600Z	3/8" Lockwasher	4
26	615-0800Z	1/2" Lockwasher	10
27	616-1005Z	5/8" Flatwasher	2
28	606-0803Z	1/2" x 3/4" Sq. Hd. Setscrew	2
29	L21020614	3/16" x 1-1/2" Cotter Pin	1
30	L50000920	Clamp	1
31	604-1236Z	3/4" x 9 Carriage Bolt, Gr. 2	2
32	611-1201Z	3/4" Hex Nut	2
33	615-1200Z	3/4" Lockwasher	2
34	604-1244Z	3/4" x 11" Carriage Bolt	2



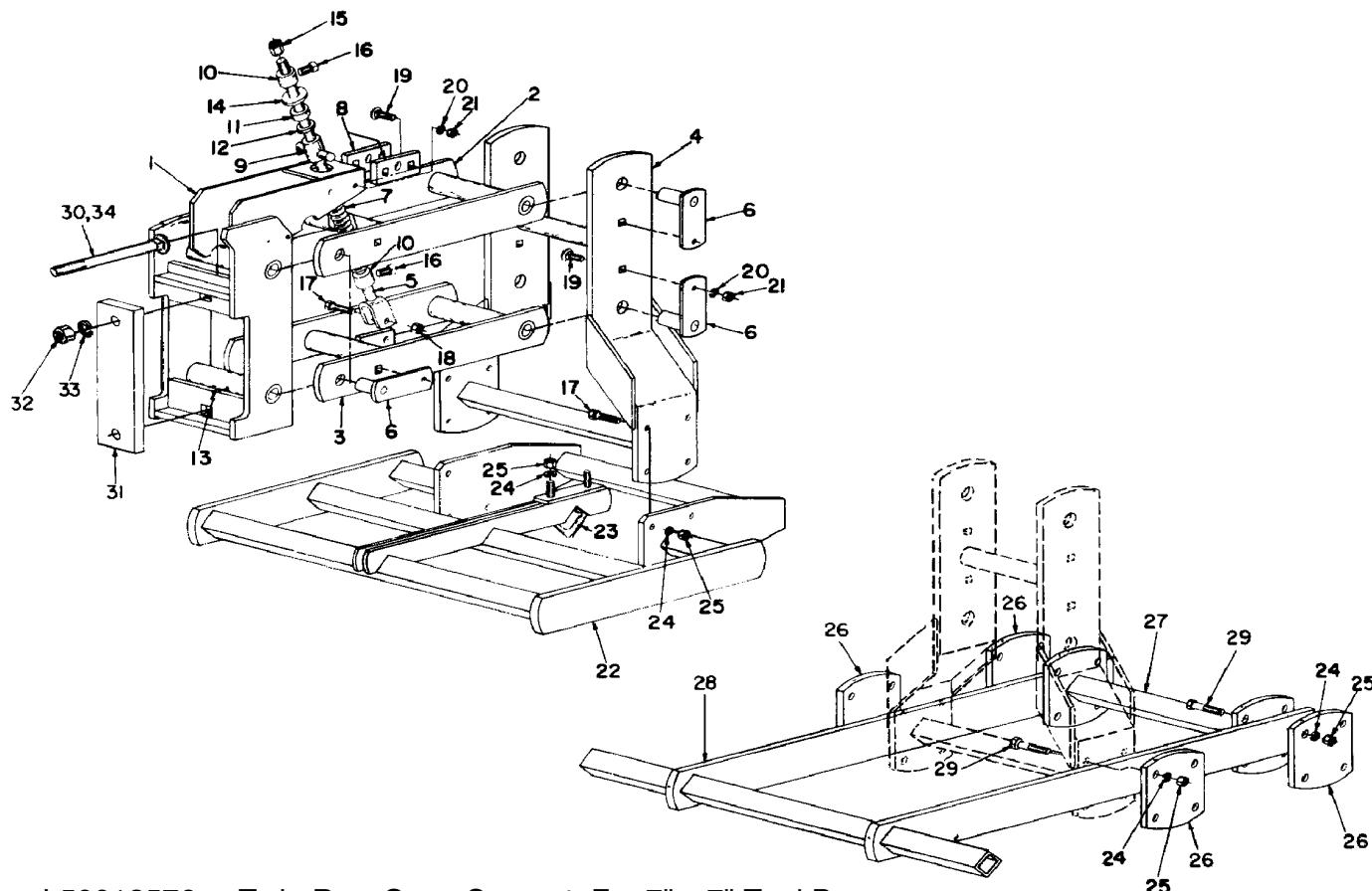
L50010127 5x7 U-Bolt Package  
Includes items 30-32.

L50010129 7x7 U-Bolt Package  
Includes items 30-32.

L50010154 Row Gang Support  
Includes items 1-29.

L50012574 Row Gang Support With  
Clamp For 7x7 Tool Bar  
For Model year 1985-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L1050018	Washer	1	18	602-0818Z	1/2 x 4-1/2" Capscrew	1
2	L1400036	Trunnion	1	19	604-0604Z	3/8 x 1" Carriage Bolt	4
3	L1450051	Spring	1	20	604-0812Z	1/2 x 3" Carriage Bolt	4
4	L2003018	Trunnion Bracket	2	21	611-0601Z	3/8" Hex Nut	4
5	L2004005	Spacer	2	22	611-0801Z	1/2" Hex Nut	6
6	L2004039	Pivot Bushing	8	23	611-1001Z	5/8" Hex Nut	1
7	L2008014	Pressure Rod	1	24	613-0801Z	1/2" Locknut	4
8	L2008060	Row Gang Beam	1	25	615-0600Z	3/8" Lockwasher	4
9	L2008061	Beam Plate	2	26	615-0800Z	1/2" Lockwasher	10
10	L2008072	Top Link	1	27	616-1000Z	5/8" Flatwasher	2
11	L2050008	Spring Buffer	1	28	606-0803Z	1/2 x 3/4" Setscrew	2
12	L2050009	1/2" H.T. Washer	8	29	617-025	3/16 x 1-1/2" Cotter Pin	1
13	L2050065	Adjust Collar	2	30	L50010126	3/4" U - Bolt (5x7)	1
14	L50010153	Bottom Link	1		L50010128	3/4" U - Bolt (7x7)	1
15	L50003931	Support Bracket	1	31	611-1201Z	3/4" Hex Nut	2
16	L50003934	Row Gang Support	2	32	615-1200Z	3/4" Lockwasher	2
17	602-0813Z	1/2 x 3-1/4" Capscrew	2				



L50012576 Twin Row Gang Support For 7" x 7" Tool Bar

L50000884 Twin Row Gang Support Includes items 1-21

L2099115 Tool Bar Frame Includes items 22-26

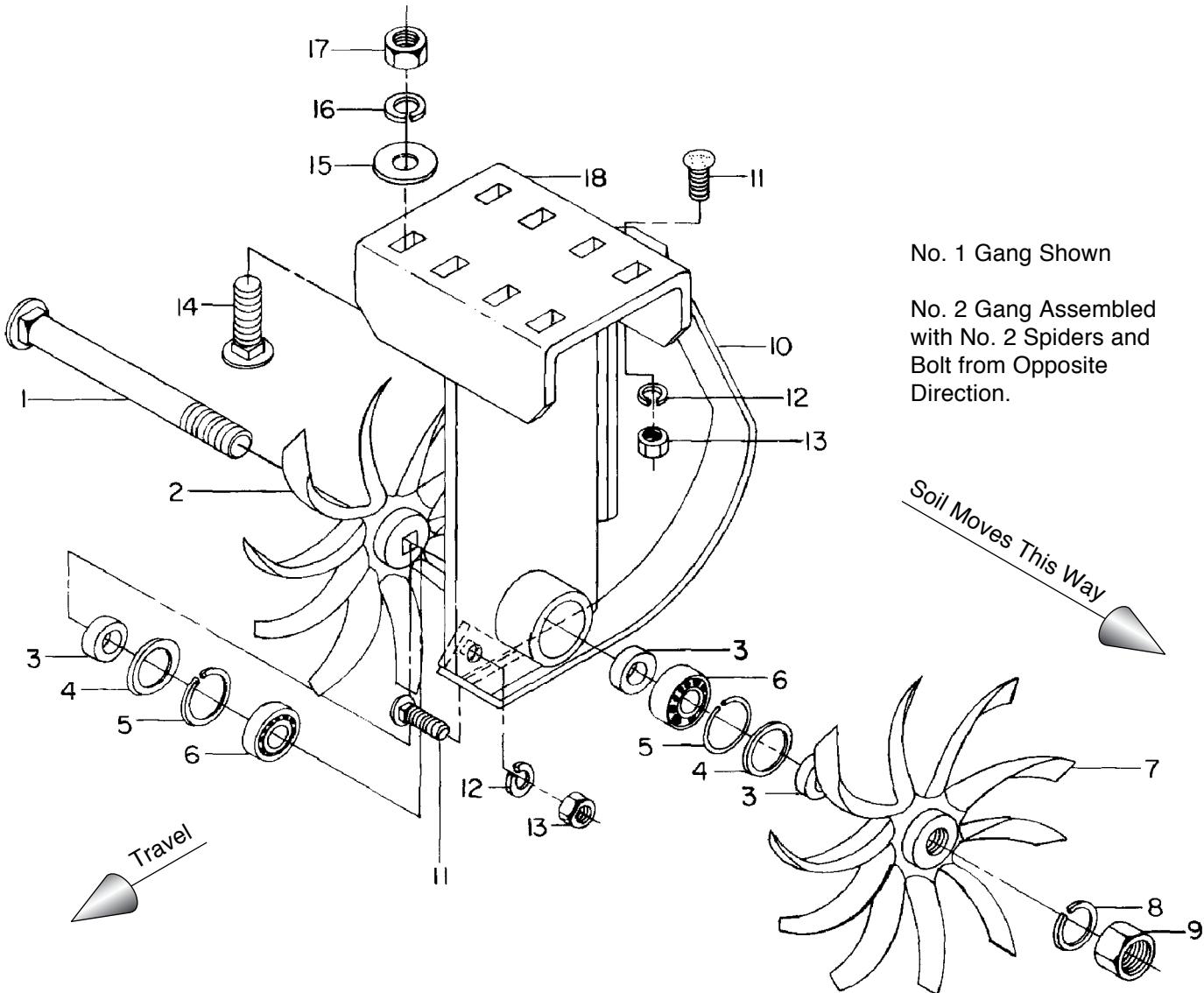
L2099116 Tool Bar Assembly Includes items 27-32

L50000881 Clamp And 7-1/2" Bolts Includes items 31-34

L50000883 Clamp And 9" Bolts Includes items 30-33

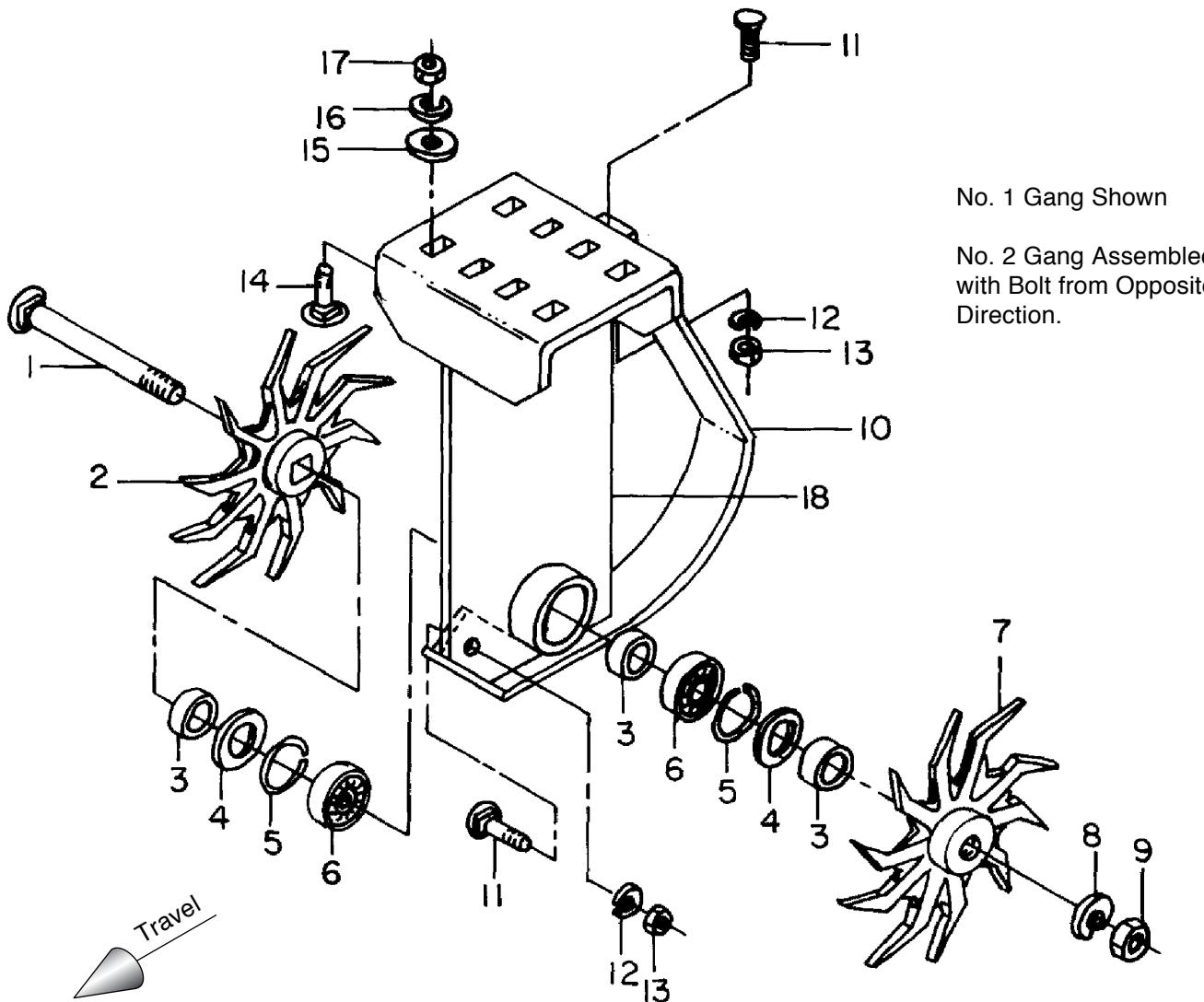
For Model Years 1974-1985

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50001300	Twin Row Support	1	18	613-0801Z	1/2" Locknut	1
2	L2008209	Top Link	1	19	604-0604Z	3/8 x 1" Carriage Bolt	12
3	L2008210	Bottom Link	1	20	615-0600Z	3/8" Lockwasher	12
4	L2008213	Support, Row Gang	1	21	611-0601Z	3/8" Hex Nut	12
5	L2008009	Tension Rod	1	22	L2008217	Tool Bar Frame	1
6	L2008208	Pin	8	23	L2006082	U - Bolt	1
7	L1450051	Spring	1	24	615-0800Z	1/2" Lockwasher	26
8	L2003018	Trunnion Bracket	2	25	611-0801Z	1/2" Hex Nut	26
9	L1400036	Trunnion	1	26	L6603015	Clamp Plate	4
10	L2050065	Adjust Collar	2	27	L2008212	Short Tool Bar	1
11	L2050008	Spring Buffer	1	28	L2008215	Tool Bar Frame	1
12	L1050018	Washer	1	29	602-0810Z	1/2 x 2-1/2" Capscrew	16
13	L150033	1/4 - 28 Fitting	4	30	604-1236Z	3/4 x 9" Carriage Bolt	2
14	616-1000Z	5/8" Flatwasher	1	31	L50000920	Clamp	1
15	611-1001Z	5/8" Hex Nut	1	32	611-1201Z	3/4" Hex Nut	2
16	606-0803Z	1/2 x 3/4" Setscrew	2	33	615-1200Z	3/4" Lockwasher	2
17	602-0806Z	1/2 x 1-1/2" Capscrew	1	34	604-1230Z	3/4 x 7-1/2" Carriage Bolt	2



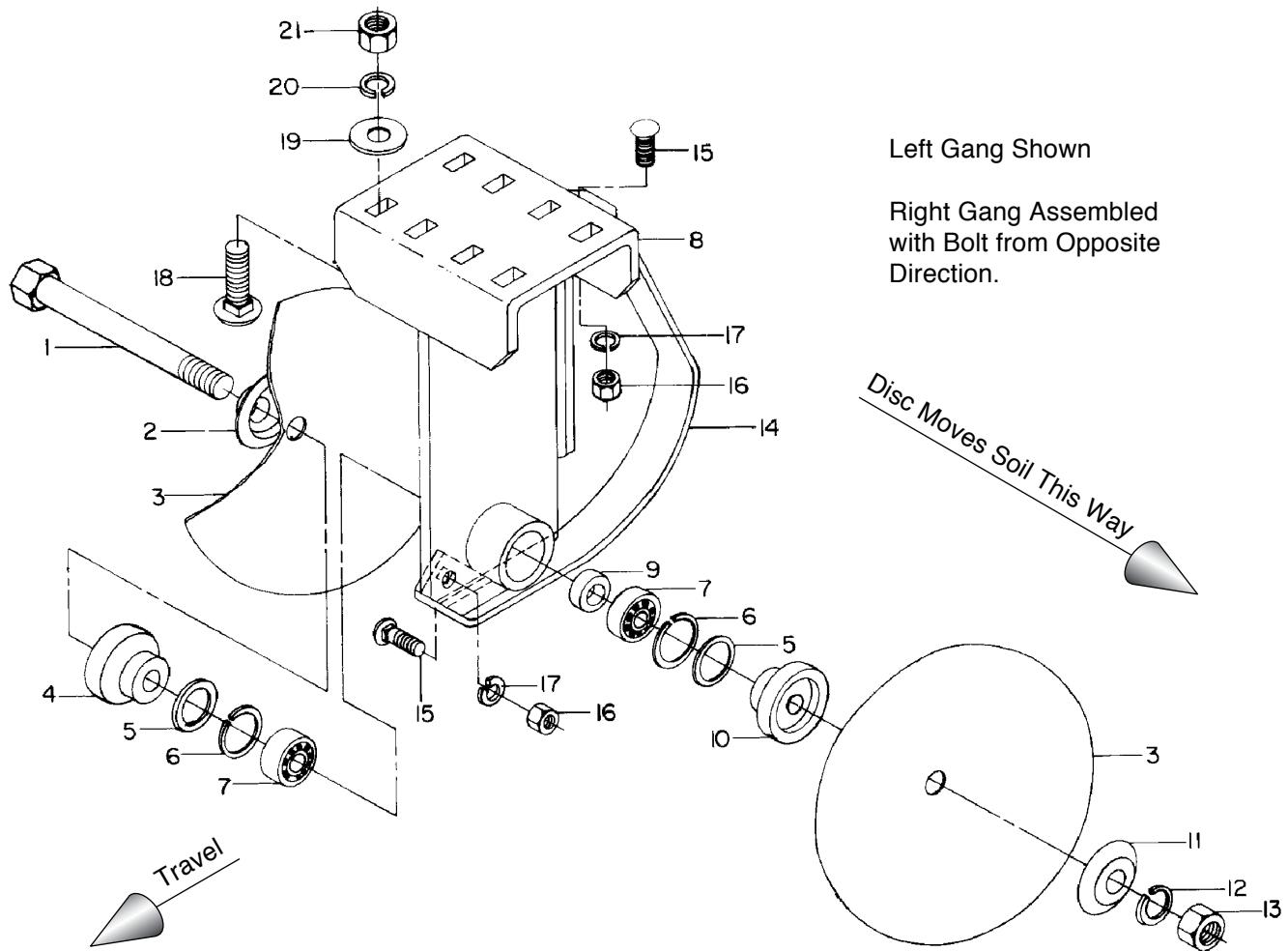
L2099072    Slicer Tine Split Row Gang Assy.  
Includes No. 1 and No. 2 Gangs.  
For Models 1974-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	604-1220Z	3/4 x 5" Carriage Bolt	1	9	613-1201Z	3/4" Locknut	1
2	L2000034	No. 1 Sq. Bore Spider	1	10	L2008115	Row Gang Scraper	1
	L2000035	No. 2 Sq. Bore Spider	1	11	604-0605Z	3/8 x 1-1/4" Carriage Bolt	2
3	L2004070	Row Gang Spacer	3	12	615-0600Z	3/8" Lockwasher	2
4	L2007032	Seal Shield	2	13	611-0601Z	3/8" Hex Nut	2
5	L2050095	Retaining Ring	2	14	604-0806Z	1/2 x 1-1/2" Carriage Bolt	2
6	L2050094	Bearing	2	15	L2050009	1/2" H.T. Washer	2
7	L2000028	No.1 Threaded Spider	1	16	615-0800Z	1/2" Lockwasher	2
	L2000029	No.2 Threaded Spider	1	17	611-0801Z	1/2" Hex Nut	2
8	615-1200Z	3/4" Lockwasher	1	18	L2008117	Row Gang Arm	1



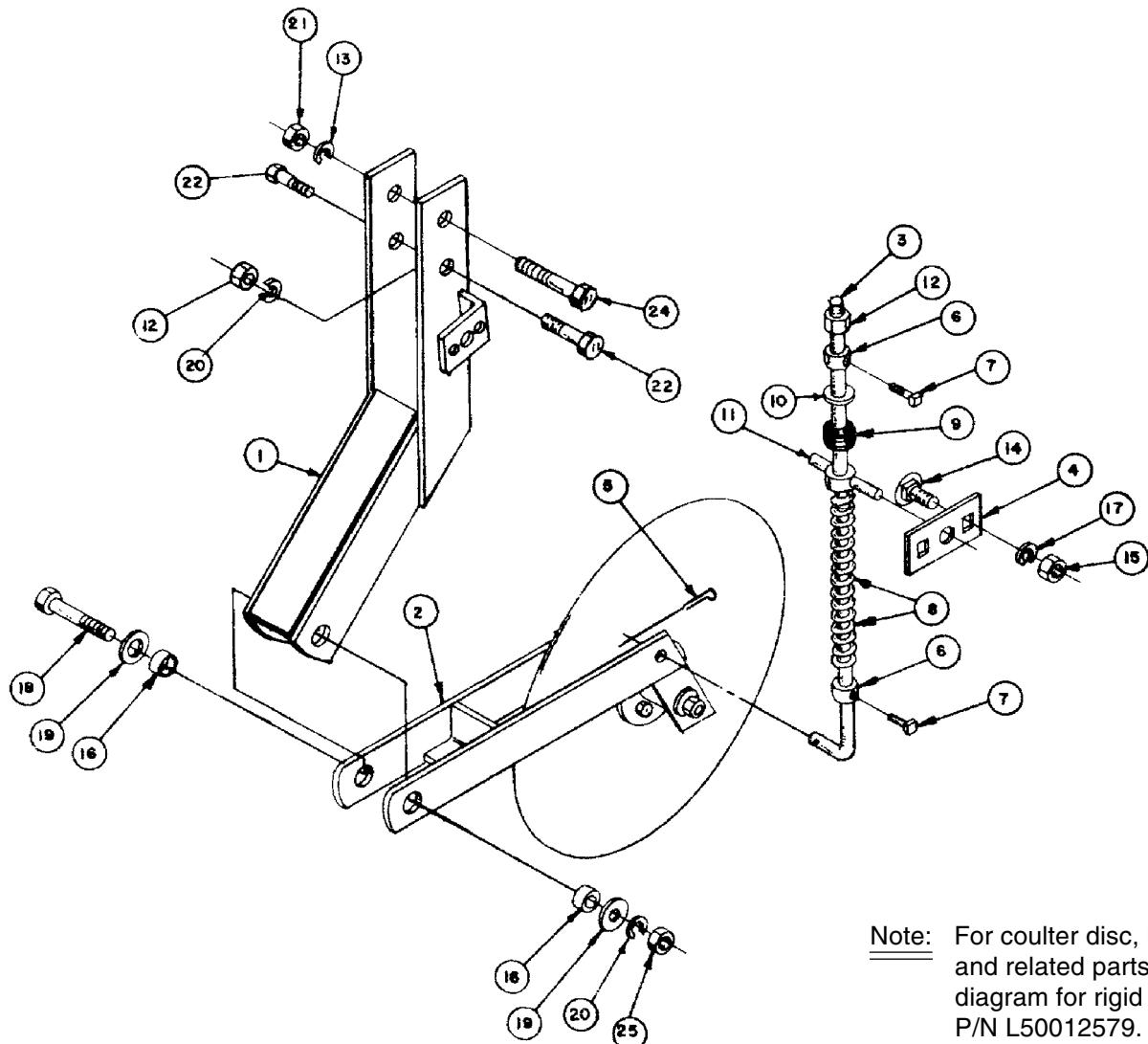
L2099074    Split Row Gang W/Straight Tine  
 Includes No. 1 and No. 2 Gangs.  
 For Model Year 1974-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	604-1220Z	3/4 x 5" Carriage Bolt	1	10	L2008115	Row Gang Scraper	1
2	L2000046	Picker Wheel 12.5", Sq. Bore	1	11	604-0605Z	3/8 x 1-1/4" Carriage Bolt	2
3	L2004070	Row Gang Spacer	3	12	615-0600Z	3/8" Lockwasher	2
4	L2007032	Seal Shield	2	13	611-0601Z	3/8" Hex Nut	2
5	L2050095	Retaining Ring	2	14	604-0806Z	1/2 x 1-1/2" Carriage Bolt	2
6	L2050094	Bearing	2	15	L2050009	1/2" H.T. Washer	2
7	L2000045	Picker Wheel 12.5", Threaded	1	16	615-0800Z	1/2" Lockwasher	2
8	615-1200Z	3/4" Lockwasher	1	17	613-0801Z	1/2" H.T. Hex Nut	2
9	613-1201Z	3/4" Locknut	1	18	L2008117	Row Gang Arm	1



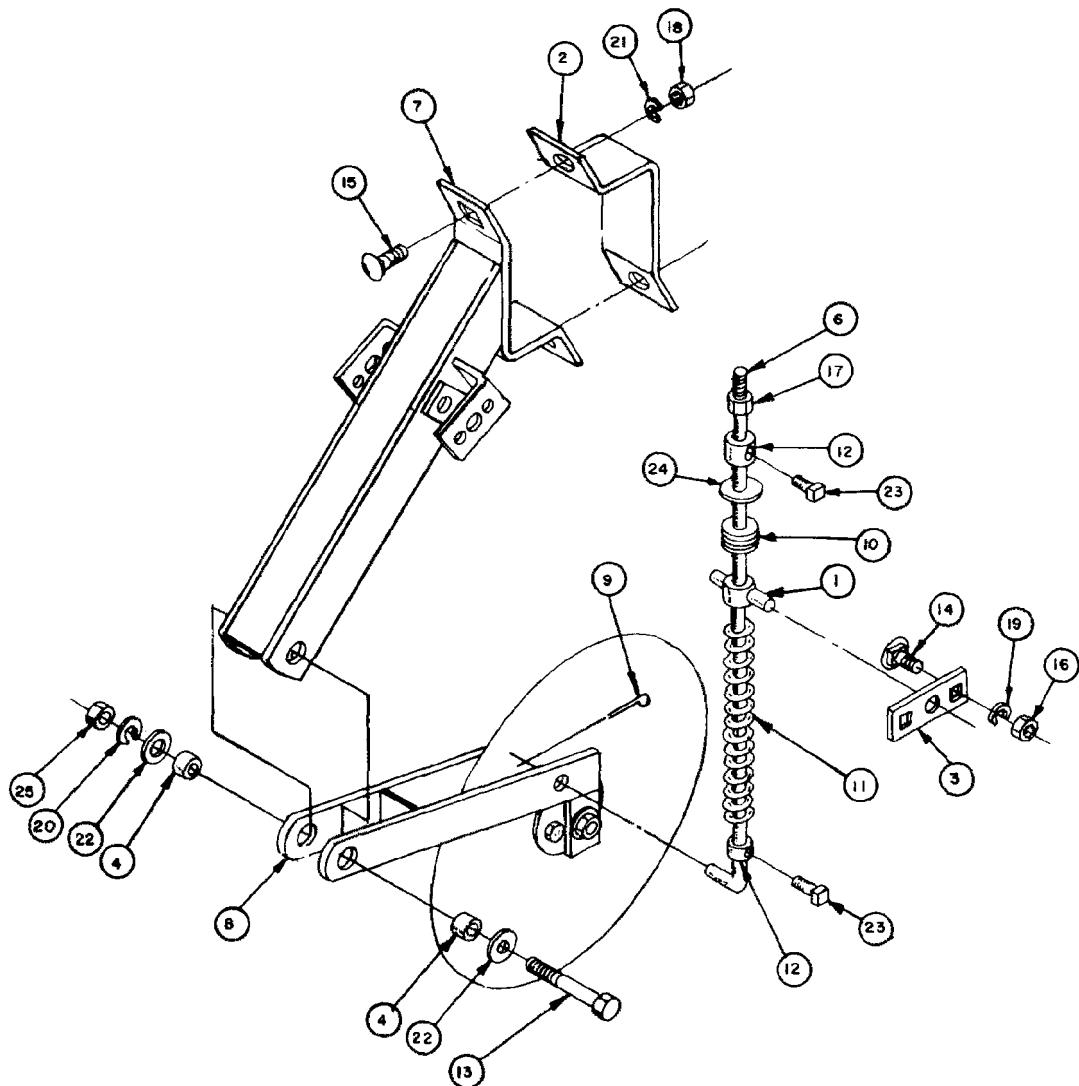
L2099079      Disc Row Gang Assembly  
Includes Left And Right Assy.  
For Models 1974-Current.

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	602-1222Z	3/4 x 5-1/2" Capscrew	1	12	615-1200Z	3/4" Lockwasher	1
2	L2000044	Outside Disc Washer	1	13	613-1201Z	3/4" Locknut	1
3	L2050103	12 In. Disc	2	14	L2008115	Row Gang Scraper	1
4	L2000041	Inside Disc Spacer	1	15	604-0605Z	3/8 x 1-1/4" Carriage Bolt	2
5	L2007032	Seal Shield	2	16	611-0601Z	3/8" Hex Nut	2
6	L2050095	Retaining Ring	2	17	615-0600Z	3/8" Lockwasher	2
7	L2050094	Bearing	2	18	604-0806Z	1/2 x 1-1/2" Carriage Bolt	2
8	L2008117	Row Gang Arm	1	19	L2050009	1/2" H.T. Washer	2
9	L2004070	Row Gang Spacer	1	20	615-0800Z	1/2" Lockwasher	2
10	L2000042	Outside Disc Spacer	1	21	611-0801Z	1/2" Hex Nut	2
11	L2000043	Inside Disc Washer	1				



Center Mount Spring Loaded Coulter  
For Model Years 1974-1976

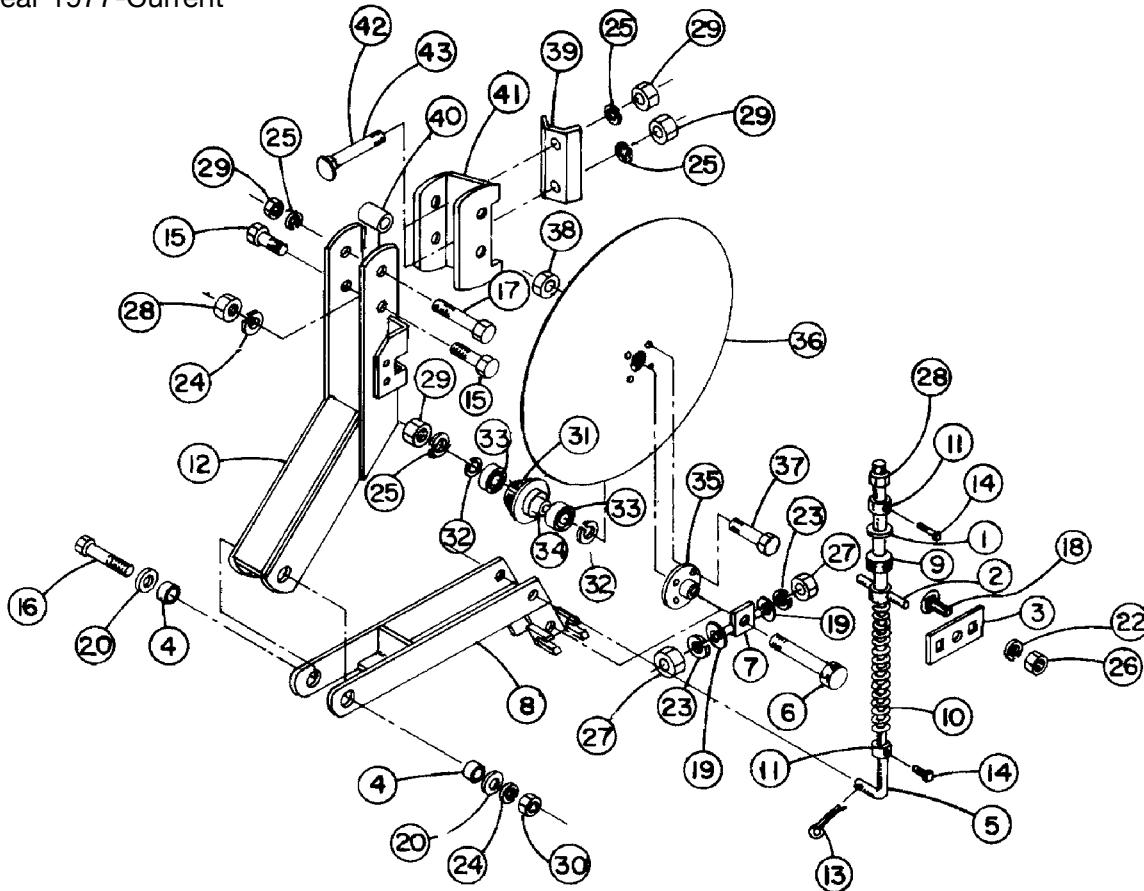
Ref #	Part Number Description	Qty	Ref #	Part Number Description	Qty		
1	L6408021	Coulter Arm	1	13	615-1200Z	3/4" Lockwasher	1
2	L2008049	Rear Coulter Arm	1	14	604-0605Z	3/8 x 1-1/4" Carriage Bolt, Gr. 5	4
3	L2006006	Row Pressure Rod	2	15	611-0601Z	3/8" Hex Nut	4
4	L2003149	Coulter Trunnion Bracket	2	16	L2004022	Pivot Bushing	2
5	617-025	Cotter Pin, 3/16 x 1-1/2	2	17	615-0600Z	3/8" Lockwasher	4
6	L2003149	11/16 x 1-3/8" Adj. Collar	4	18	602-1024Z	5/8 x 6" Capscrew Gr. 5	1
7	606-0803Z	1/2 x 5/8" Sq. Hd. Setscrew	4	19	616-1000Z	5/8" Flatwasher	2
8	L2050022	Coulter Spring	2	20	615-1000Z	5/8" Lockwasher	3
9	L2050008	Spring Buffer	2	21	611-1201Z	3/4" Hex Nut	1
10	L1050018	Washer	2	22	602-1007Z	5/8 x 1-3/4" Capscrew, Gr.5	2
11	L1400036	Trunnion	2	24	602-1222Z	3/4 x 5-1/2" Capscrew, Gr.5	1
12	611-1001Z	5/8" Hex Nut	4	25	613-1003Z	5/8" Locknut, Gr C	1



**End Mounted Spring Loaded Coulter  
For Model Years 1974-1976**

Note: For coulter disc, hub and related parts see diagram for rigid coulter P/N L50012579.

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L1400036	Trunnion	2	14	604-0605Z	3/8 x 1-1/4" Carriage Bolt, Gr. 5	4
2	L6403012	3/4 x 2-1/2" Clamp	1	15	604-1212Z	3/4 x 3" Carriage Bolt, Gr. 5	2
3	L2003149	Coulter Trunnion Bracket	2	16	611-0601Z	3/8" Hex Nut	4
4	L2004022	Pivot Bushing	2	17	611-1001Z	5/8" Hex Nut	2
6	L2006006	Row Pressure Rod	2	18	611-1201Z	3/4" Hex Nut	2
7	L6408022	Coulter Arm Support	1	19	615-0600Z	3/8" Lockwasher	4
8	L2008049	Rear Coulter Arm	1	20	615-1000Z	5/8" Lockwasher	1
9	617-025	Cotter Pin, 3/16 x 1-1/2	2	21	615-1200Z	3/4" Lockwasher	2
10	L2050008	Spring Buffer	2	22	616-1000Z	5/8" Flatwasher	2
11	L2050022	Coulter Spring	2	23	606-0803Z	1/2 x 5/8" Sq. Hd. Setscrew	4
12	L2050065	11/16 x 1-3/8" Adj. Collar	4	24	L1050018	Washer	1
13	602-1024Z	5/8 x 6" Capscrew, Gr. 5	1	25	613-1003Z	5/8" Locknut, Gr. C	1

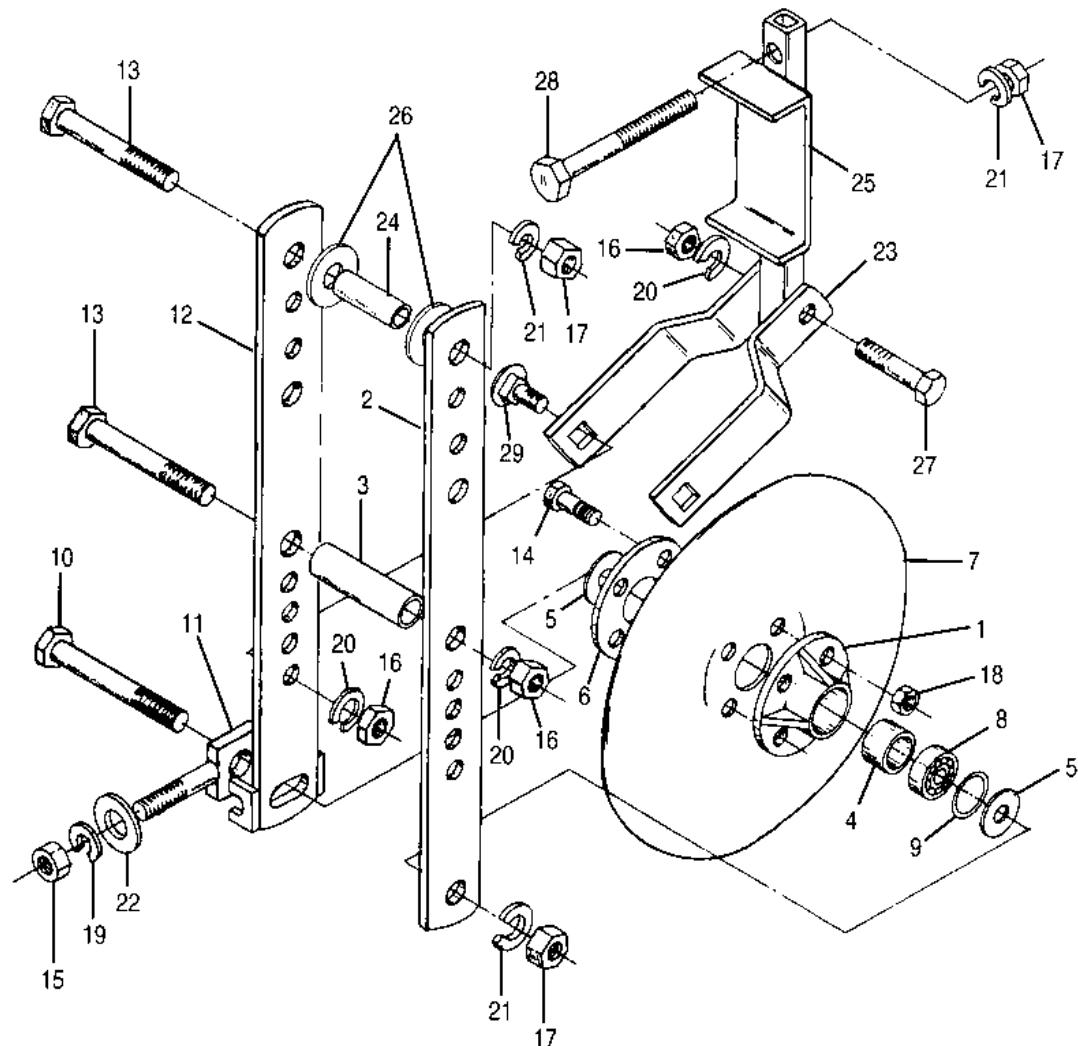


L50001139 Spring Loaded Coulter Included items 1-38.

L50001156 7 X 7 Spring Coulter Adaptor Included items 39-43, 45.

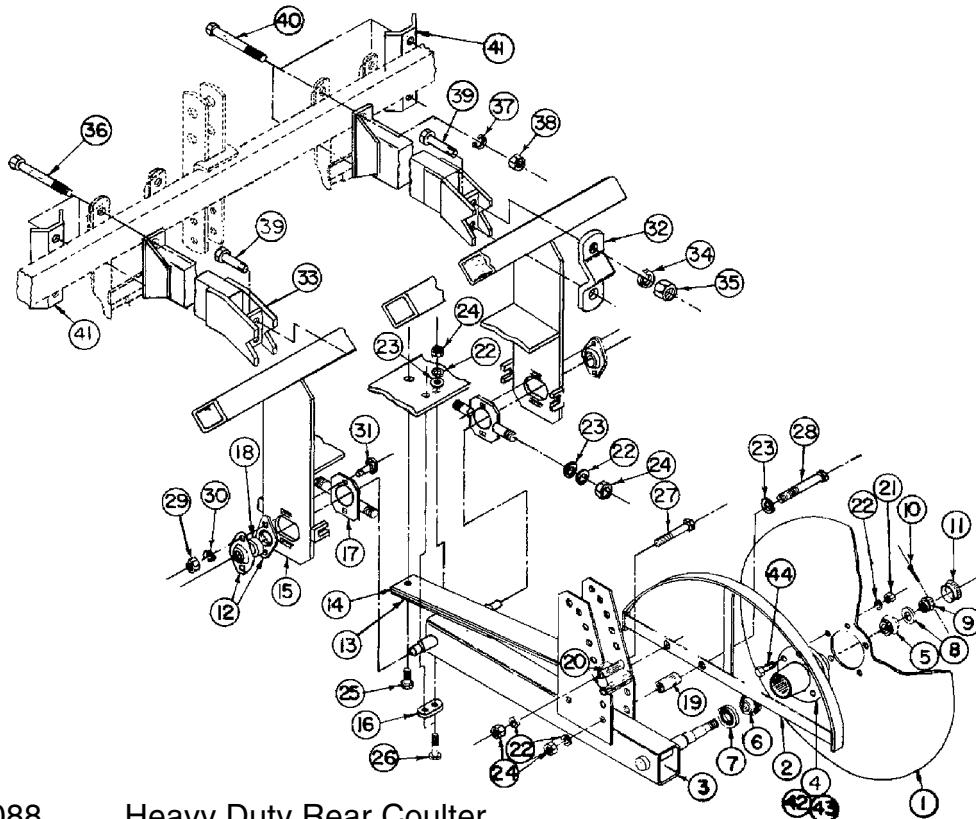
For Model Years 1977-1985

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L1050018	Washer	2	22	615-0600Z	3/8" Lockwasher	4
2	L1400036	Trunnion	2	23	615-0800Z	1/2" Lockwasher	2
3	L2003149	Trunnion Bracket	2	24	615-1000Z	5/8" Lockwasher	3
4	L2004022	Pivot Bushing	2	25	615-1200Z	3/4" Lockwasher	4
5	L2006006	Pressure Rod	2	26	611-0601Z	3/8" Hex Nut	4
6	L2008035	Coulter Axle	1	27	611-0801Z	1/2" Hex Nut	2
7	L2008036	Coulter Pivot	1	28	611-1001Z	5/8" Hex Nut	4
8	L2008049	Coulter Arm	1	29	611-1201Z	3/4" Hex Nut	4
9	L2050008	Spring Buffer	2	30	613-1003Z	5/8" Locknut	1
10	L2050022	Coulter Spring	2	31	L2000040	Hub	1
11	L2050065	Adj. Collar	4	32	L97685	Retaining Ring	2
12	L50001140	Arm	1	33	L2050144	Bearing	2
13	617-025	3/16 x 1-1/2" Cotter Pin	2	34	L50002340	Spacer	1
14	606-0803Z	1/2 x 3/4" Setscrew	4	35	L2050010	Bolting Flange	1
15	602-1007Z	5/8 x 1-3/4" Capscrew	2	36	L2050011	Coulter Disc	1
16	602-1024Z	5/8 x 6" Capscrew	1	37	602-0605Z	3/8 x 1-1/4" Capscrew	4
17	602-1220Z	5/8 x 5" Capscrew	1	38	613-0601Z	3/8" Locknut	4
18	604-0605Z	3/8 x 1-1/4" Carriage Bolt	4	39	L6403045	Clamp	1
19	616-0800Z	1/2" Flatwasher	2	40	L2004036	Top Link Bushing	1
20	616-1005Z	5/8" Flatwasher	2	41	L50001148	Coulter Adaptor	1
21	L50002341	Hub. Assy. (Includes items 31-34)	1	42	604-1228Z	3/4 x 7" Carriage Bolt	2
				43	604-1236Z	3/4 x 9" Carriage Bolt	2



**L50012579 Rigid Coulter 7 x 7" Bar  
For Model Years 1974-Current**

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L2000040	Hub	1	15	611-0801Z	Hex Nut 1/2"	2
	L50002341	Hub Assy. (Includes items 1, 4, 8, 9)		16	611-1001Z	Hex Nut 5/8"	5
2	L2003068	Coulter Arm	1	17	611-1201Z	Hex Nut 3/4"	3
3	L2004006	Spacer	1	18	613-0601Z	Locknut 3/8"	4
4	L50002340	Spacer	1	19	615-0800Z	Lockwasher 1/2"	2
5	616-1200Z	Flatwasher 3/4"	2	20	615-1000Z	Lockwasher 5/8"	5
6	L2050010	Bolting Flange	1	21	615-1200Z	Lockwasher 3/4"	3
7	L2050011	Coulter Disc	1	22	616-0800Z	Flatwasher 1/2"	2
8	L2050144	Bearing	2	23	L6403030	Rigid Coulter Brace	2
9	L97685	Retaining Ring	2	24	L6404016	Bushing	1
10	L2008035	Coulter Axle	1	25	L6408019	Bracket	1
11	L2008036	Coulter Pivot	1	26	L6403029	Shim	2
12	L2008037	Coulter Arm w/Ears	1	27	602-1011Z	Capscrew, 5/8 x 2-3/4"	1
13	602-1022Z	Capscrew, 5/8 x 5-1/2"	2	28	602-1240Z	Capscrew, 3/4 x 10"	2
14	602-0605Z	Capscrew, 3/8 x 1-1/4"	1	29	604-1008Z	Carriage Bolt, 5/8 x 2"	2



L2099088      Heavy Duty Rear Coulter  
Includes items 1-31, 42-45. For Model Years 1975-1985

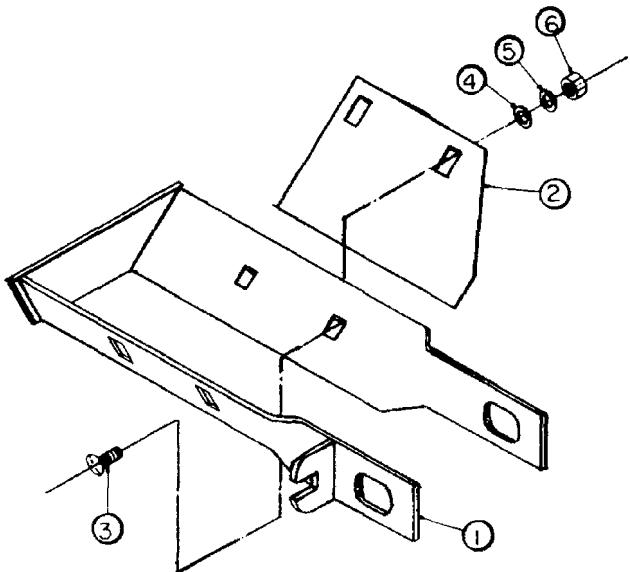
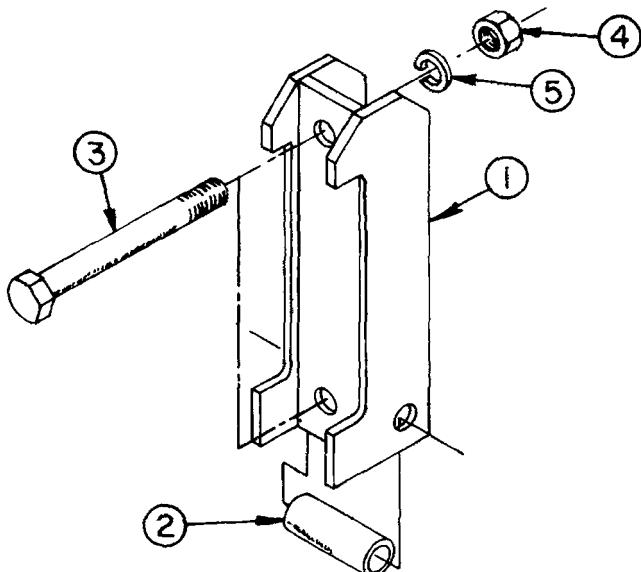
L6499017      5 X 7 Coulter Support Includes items 32-39.  
For Model Years 1975-1985

L6499036      7 X 7 Coulter Support Includes items 32-35, 37-41.  
For Model Years 1975-1985

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L2050106	Coulter Blade	1	23	616-0800Z	1/2" Flatwasher	8
2	L2008173	Coulter Shield	1	24	611-0801Z	1/2" Hex Nut	11
3	L2008172	Coulter Mount	1	25	602-0808Z	1/2 x 2" Capscrew	1
4	L4650009	Hub Assy.(Includes items 42-44)	1	26	602-0810Z	1/2 x 2-1/2" Capscrew	2
5	622-001	Outer Wheel Bearing	1	27	602-0813Z	1/2 x 3-1/4" Capscrew	2
6	622-007	Inner Wheel Bearing	1	28	602-0818Z	1/2 x 4-1/2" Capscrew	2
7	L2450006	Grease Seal	1	29	611-0501Z	5/16" Hex Nut	4
8	616-1200	Washer	1	30	615-0500Z	5/16" Lockwasher	4
9	614-1207C	3/4" Slotted Nut	1	31	604-0505Z	5/16 x 1-1/4" Carriage Bolt	4
10	617-020	5/32 x 1-1/2" Cotter Pin	1	32	L2050121	Tool Bar Clamp	2
11	L121	Hub Cap	1	33	L50001315	Coulter Bracket	2
12	L461099	Flangette (52mm)	4	34	615-1200Z	3/4" Lockwasher	4
13	L2050104	Leaf Spring	1	35	611-1201Z	3/4" Hex Nut	4
14	L2050105	Leaf Spring	2	36	602-1430Z	7/8 x 7-1/2" Bolt	4
15	L2008170	Coulter Support	1	37	615-1400Z	7/8" Lockwasher	4
16	L2003332	Spring Strap	1	38	611-1410Z	7/8" Hex Nut	4
17	L2008169	Bearing Slide	2	39	602-1220Z	3/4 x 5" Capscrew	4
18	L50001689	Bearing w/Collar	2	40	602-1438Z	7/8 x 9-1/2" Hex Hd. Bolt	4
19	L2004097	Spacer	2	41	628-312	Clamp	2
20	L2004098	Spacer	2	42	622-002	Outer Bearing Cup	1
21	L15507	1/2 N.F. Hex Nut	5	43	622-006	Inner Bearing Cup	1
22	615-0800Z	1/2" Lockwasher	16	44	L4650004	Wheel Bolt	5

- L6420005      5 x 7 Rigid Coulter Adaptor  
Includes items 1 and 2.  
L50001154      7 x 7 Rigid Coulter Adaptor  
Includes items 1 - 5  
For Model Years 1974-1985

Ref #	Part Number	Description	Qty
1	L6408020	Rigid Coulter Adaptor	1
2	L6404017	Bushing	1
3	602-1240Z	3/4 x 10" Bolt	2
4	611-1201Z	3/4" Hex Nut	2
5	615-1200Z	3/4" Lockwasher	2

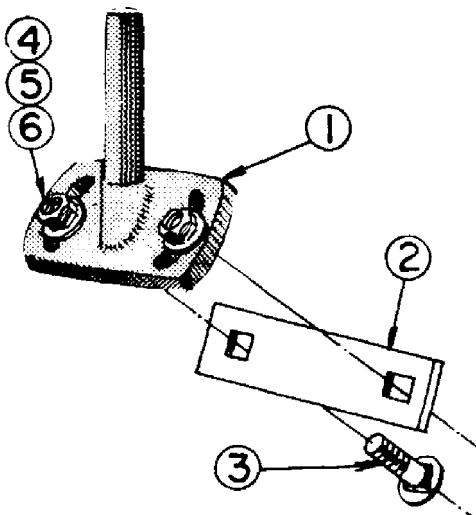


L20200056 Coulter Scraper Kit  
For Model Years 1974-1976

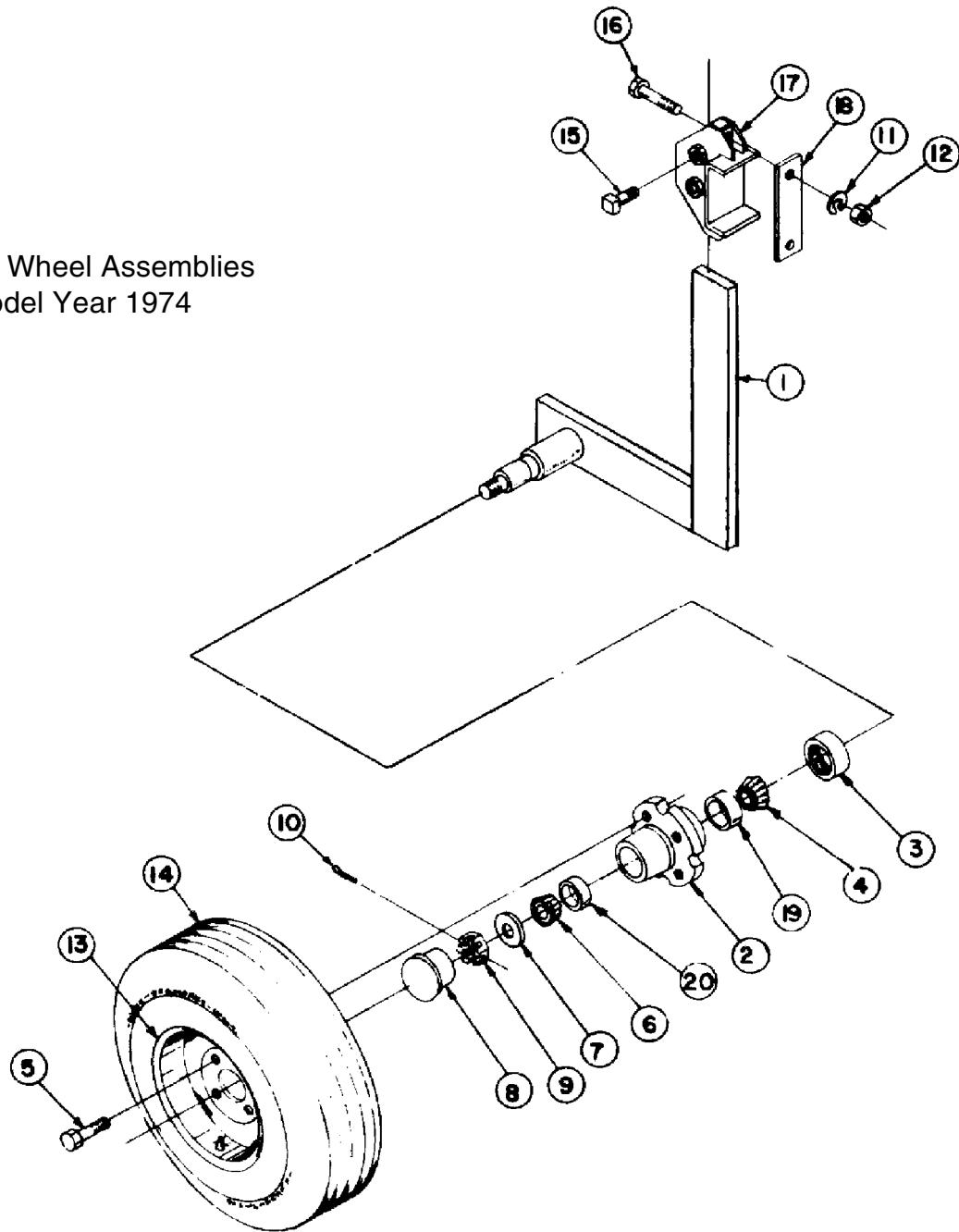
Ref #	Part Number	Description	Qty
1	L2008137	Scraper Support	1
2	L2007039	Coulter Scraper	2
3	604-0603Z	3/8 x 3/4" Carriage Bolt	4
4	616-0600Z	3/8" Flatwasher	4
5	615-0600Z	3/8" Lockwasher	4
6	611-0601Z	3/8" Hex Nut	4

L1499019 Front Mount Adaptor Assy.

Ref #	Part Number	Description	Qty
1	L1400032	Front Rig Adaptor	2
2	L2003079	Gang Spacer	2
3	604-0807Z	1/2 x 1-3/4" Carriage Bolt	4
4	L2050009	1/2" H.T. Washer	4
5	611-0801Z	1/2" Hex Nut	4
6	615-0800Z	1/2" Lockwasher	4

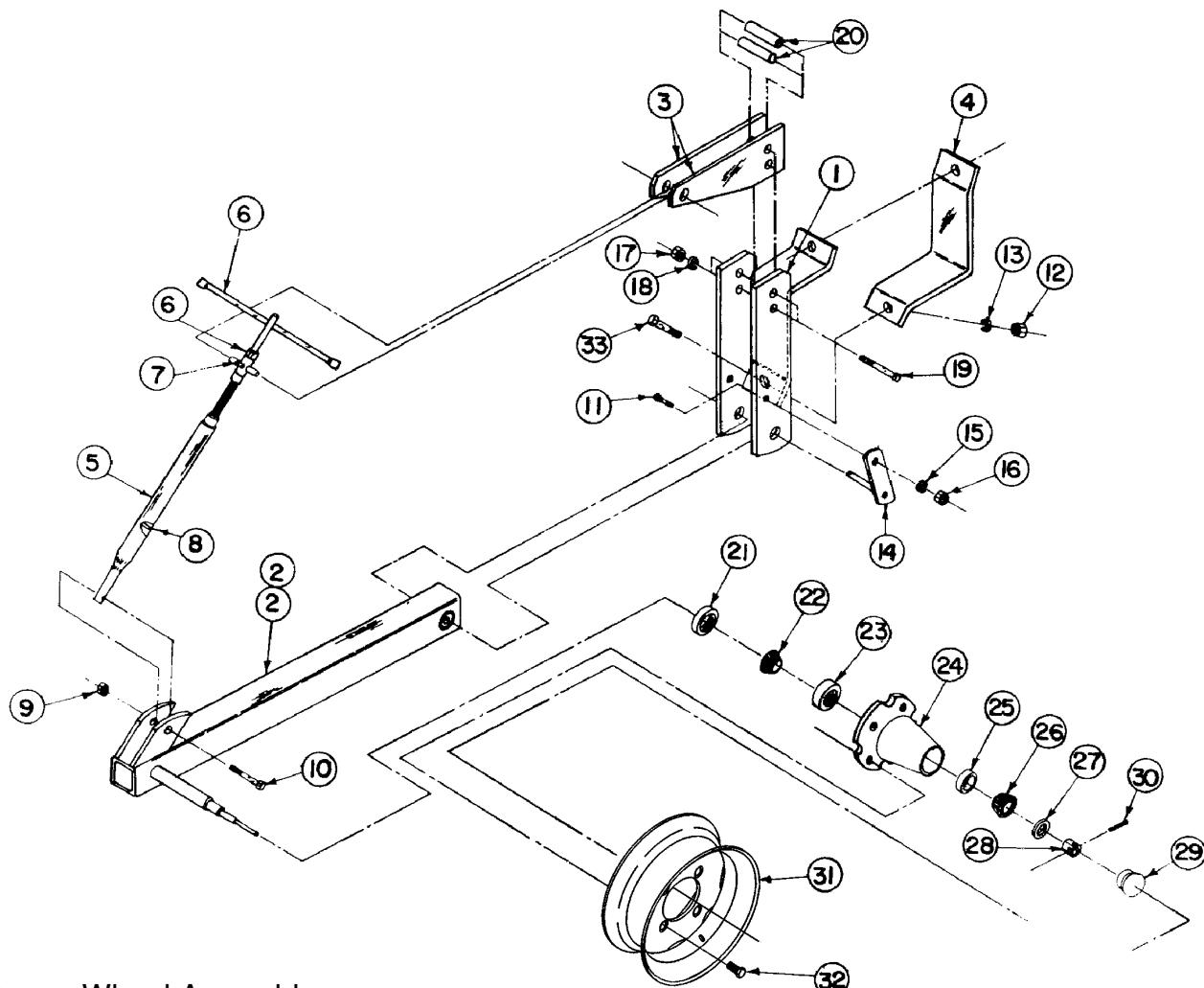


Gauge Wheel Assemblies  
For Model Year 1974



Ref #	Part Number	Description	Qty
1	L2008026	Wheel Arm LH	1
	L2008027	Wheel Arm RH	1
2	627-141	Wheel Hub w/Cups	2
3	L150140	Wheel Grease Seal	2
4	622-007	Inner Wheel Bearing	2
5	607-0805Z	Wheel Bolt	8
6	622-001	Outer Wheel Bearing	2
7	616-1200	Wheel Washer	2
8	627-540	Hub Cap	2
9	614-1207C	3/4" Slotted Nut	2
10	617-020	5/32 x 1-1/2" Cotter Pin	2

Ref #	Part Number	Description	Qty
11	615-1200Z	3/4" Lockwasher	4
12	611-1201Z	3/4" Hex Nut	4
13	L50002723	15" D.C. Wheel	2
14	627-570	7.60 x 15" Tire	2
15	606-1008Z	5/8 x 2" Sq. Hd. Setscrew	4
16	602-1230Z	3/4 x 7-1/2" Capscrew, Gr. 5	4
17	L6408018	5 x 7" Bracket	2
18	L6403045	Bracket Clamp	2
19	622-006	Bearing Cup	1
20	622-002	Bearing Cup	1

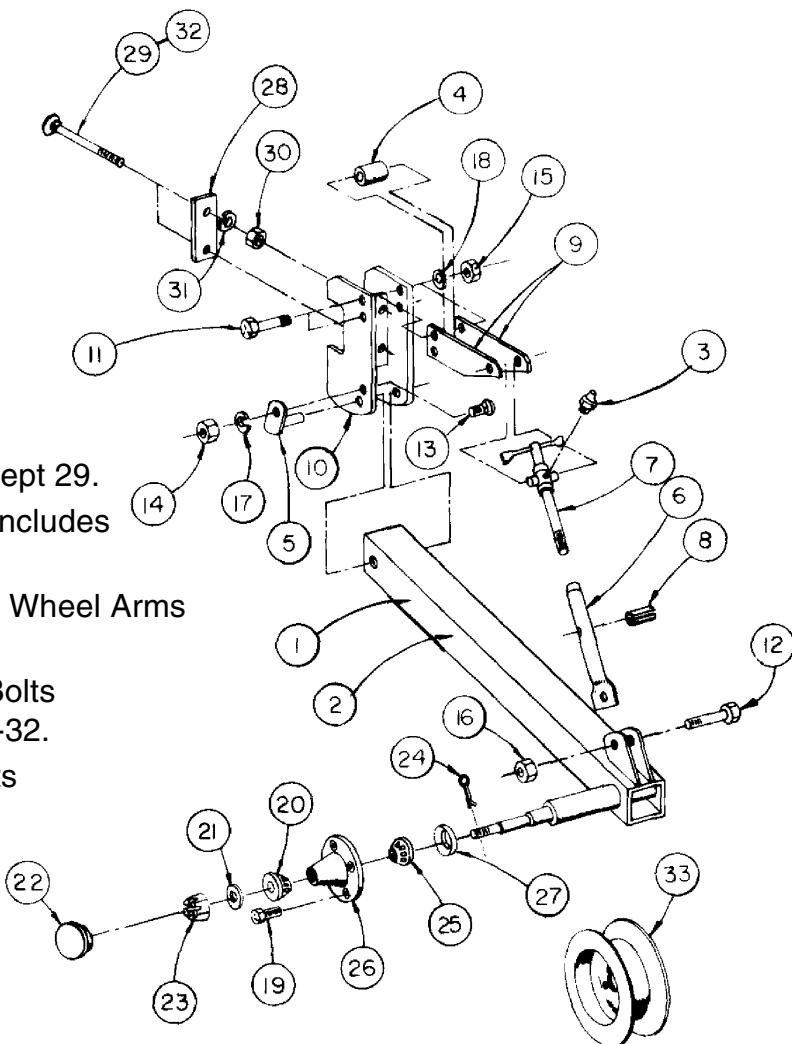


Gauge Wheel Assembly  
Model Year 1975-1976 Only

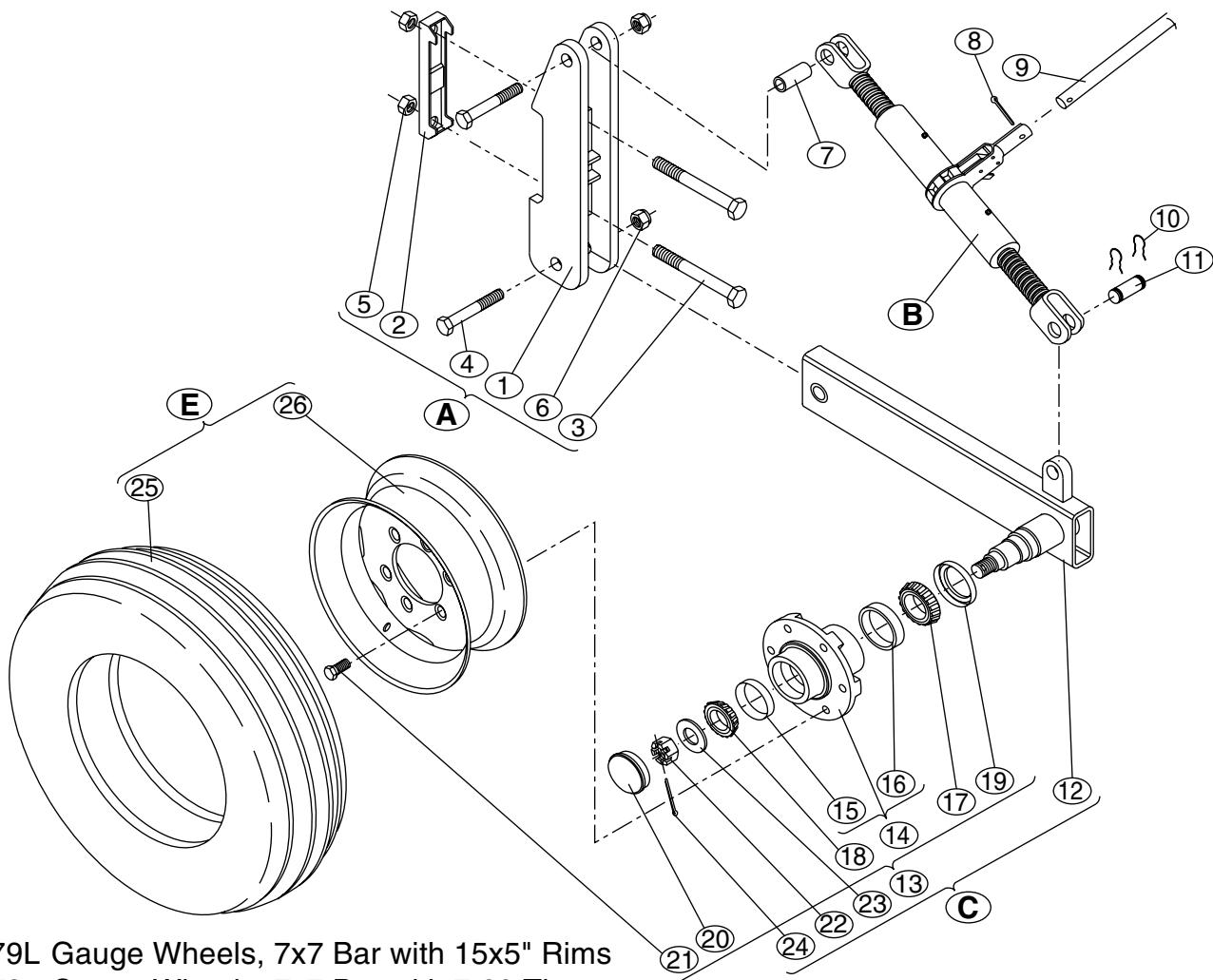
Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L6408023	Gauge Wheel Bracket	1	17	611-0801Z	1/2" Hex Nut	2
2	L2008122	Left Wheel Arm	1	18	615-0800Z	1/2" Lockwasher	2
	L2008123	Right Wheel Arm	1	19	602-0816Z	1/2 x 4" Capscrew, Gr. 5	2
3	L6403038	Crank Arm	2	20	L2004073	Spacer	2
4	L6403012	Clamp	1	21	L150140	Grease Seal	1
5	L2008119	Adjusting Screw	1	22	622-007	Wheel Bearing, Inner	1
6	L2010034	Crank Assembly	1	23	622-006	Bearing Cup	1
7	L150033	Grease Fitting	1	24	627-141	Wheel Hub w/Cups	1
8	617-051	5/16 x 1-1/8" Roll Pin	1	25	622-002	Bearing Cup	1
9	613-0801Z	1/2" Locknut	1	26	622-001	Wheel Bearing, Outer	1
10	602-0811Z	1/2 x 2-3/4" Capscrew, Gr. 5	1	27	616-1200	Wheel Washer	1
11	604-0605Z	3/8 x 1-1/4" Carriage Bolt, Gr. 5	1	28	614-1207C	3/4" Slotted Nut	1
12	611-1201Z	3/4" Hex Nut	2	29	627-540	Hub Cap	1
13	615-1200Z	3/4" Lockwasher	2	30	617-020	5/32 x 1-1/2" Cotter Pin	1
14	L2008118	Gauge Wheel Pivot Pin	1	31	L50002723	15" Drop Center Rim	2
15	615-0600Z	3/8" Lockwasher	1	32	607-0805Z	Wheel Bolt	4
16	611-0601Z	3/8" Hex Nut	1	33	602-1212Z	3/4 x 3" Capscrew, Gr. 5	2

**Gauge Wheels  
For Model Years 1977-1985**

- L50001084 5 X 7 Gauge Wheel  
Includes All items except 29.
- L50001085 7 X 7 Gauge Wheel Includes  
All items except 32.
- L50000908 Left And Right Gauge Wheel Arms  
Includes items 1-27.
- L50000881 Clamp And 7-1/2 in. Bolts  
Includes items 28, 30-32.
- L50000886 Clamp And 10 in. Bolts  
Includes items 28-31.



Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L2008122	Wheel Arm, Lt	1	18	615-0800Z	1/2" Lockwasher	2
2	L2008123	Wheel Arm, Rt	1	19	607-0805Z	Wheel Bolt	4
3	L150033	1/4-28 St. Fitting	1	20	622-001	Outer Wheel Bearing	1
4	L2004073	Spacer	2	21	616-1200	Washer	1
5	L2008118	Pivot Pin	1	22	627-540	Hub Cap	1
6	L2008119	Adjusting Screw	1	23	614-1207C	3/4" Slotted Nut	1
7	L2010034	Crank Assembly	1	24	617-020	5/32 x 1-1/2" Cotter Pin	1
8	617-051	Roll Pin	1	25	622-007	Inner Wheel Bearing	1
9	L6403038	Crank Arm	2	26	627-141	Wheel Hub	1
10	L6408047	Gauge Wheel Bracket	1	27	L150140	Wheel Grease Seal	1
11	602-0816Z	1/2 x 4" Capscrew	2	28	L50000920	Clamp	1
12	602-0811Z	1/2 x 2-3/4" Capscrew	1	29	604-1240Z	3/4 x 10" Carriage Bolt	2
13	604-0605Z	3/8 x 1-1/4" Carriage Bolt	1	30	611-1201Z	3/4" Hex Nut	2
14	611-0601Z	3/8" Hex Nut	1	31	615-1200Z	3/4" Lockwasher	2
15	611-0801Z	1/2" Hex Nut	2	32	604-1230Z	3/4 x 7-1/2" Carriage Bolt	2
16	613-0801Z	1/2" Locknut	1	33	L50002723	15 In. Wheel	2
17	615-0600Z	3/8" Lockwasher	1				



805-779L Gauge Wheels, 7x7 Bar with 15x5" Rims

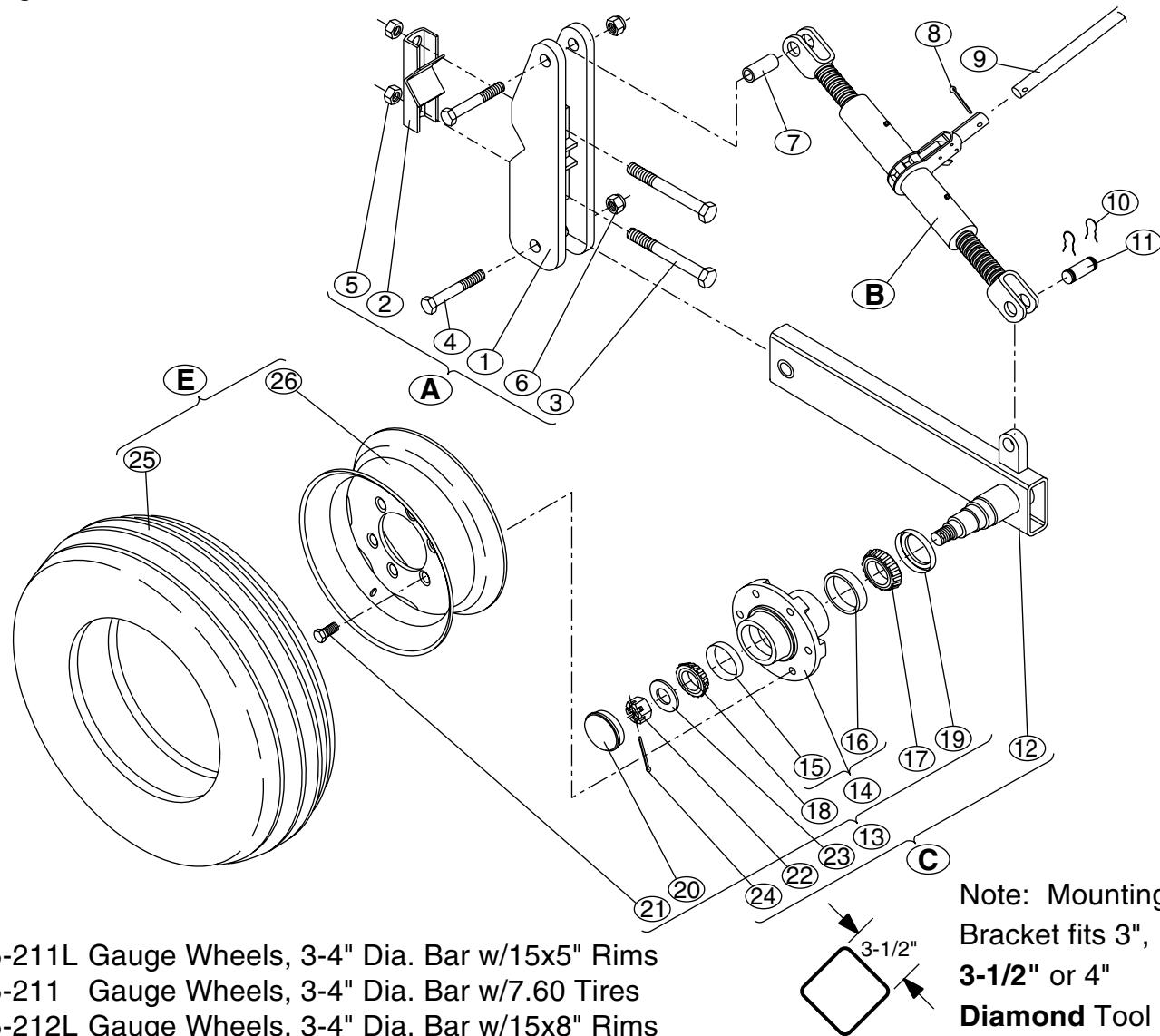
805-779 Gauge Wheels, 7x7 Bar with 7.60 Tires

805-771L Gauge Wheels, 7x7 Bar with 15x8" Rims

805-771 Gauge Wheels, 7x7 Bar with 9.5L Tires

For Model Year 2001-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
	<b>705-079L</b>	<b>G.W. Assy.-LH(HD), 7x7"</b>	1	13	627-160	Hub Assy., 6 Hole Q888	1
	<b>705-079R</b>	<b>G.W. Assy.-RH(HD),7x7" Pictured</b>	1	14	627-159	Hub/Cups Q888	1
<b>A</b>	<b>805-107</b>	<b>Mount Assy., 7x7" Gauge Wheel</b>	1	15	622-006	Outer Cup	1
1	705-070	Bracket, Gauge Wheel 7"	1	16	622-008	Inner Cup	1
2	628-308	Cap, 7" Bar 1" Bolt Hole	1	17	622-009	Inner Bearing	1
3	609-1438Z	Bolt, HMB 7/8 x 9-1/2" Gr. 2	2	18	622-007	Outer Bearing	1
4	601-1218Z	Bolt, HCS 3/4 x 4-1/2" Gr. 2	2	19	623-002	Grease Seal	1
5	611-1401Z	Nut, Hex ZP 7/8"	2	20	627-560	Dust Cap, 6 Hole Hub (Q888)	1
6	613-1200Z	Nut, Hex Nylock ZP 3/4"	1	21	607-0805Z	Bolt,Lug 1/2x1-1/4" 3/4 Head	6
<b>B</b>	705-080	Ratchet Jack, Gauge Wheel	1	22	614-1407	Nut, Hex Slotted 7/8" N.F.	1
7	617-250	Bushing, Clevis Std. G.W. Jack	1	23	616-1400	Bushing, Machine 14 Ga.7/8"	1
8	617-026	Pin, Cotter 1/4 x 2"	1	24	617-020	Pin, Cotter 5/32 x 1-1/2"	1
9	617-110	Tube,7/8 x 12"- Handle	1	<b>E</b>	<b>705-001</b>	<b>Wheel/Tire, 6 Hole 7.60x15"</b>	2
10	617-107	Hairpin, 3/16 x 2"	2		<b>705-002</b>	<b>Wheel/Tire, 6 Hole 9.5Lx15"</b>	2
11	617-160	Pin, Clevis ZP 1 x 2"	1	25	627-570	Tire, 7.60 x 15"	1
<b>C</b>	<b>705-020L</b>	<b>Shank/Hub Assy., LH</b>	1		627-569	Tire, 9.5L x 15"	1
	<b>705-020R</b>	<b>Shank/Hub Assy., RH-Pictured</b>	1	26	627-456	Wheel, 6 Hole 15 x 5KB	1
12	705-019L	Shank/Spindle Wlmt., LH	1		627-460	Wheel, 6 Hole 15 x 8LB	1
	705-019R	Shank/Spindle Wlmt., RH-Pict	1				



805-211L Gauge Wheels, 3-4" Dia. Bar w/15x5" Rims

805-211 Gauge Wheels, 3-4" Dia. Bar w/7.60 Tires

805-212L Gauge Wheels, 3-4" Dia. Bar w/15x8" Rims

805-212 Gauge Wheels, 3-4" Dia. Bar w/9.5L Tires

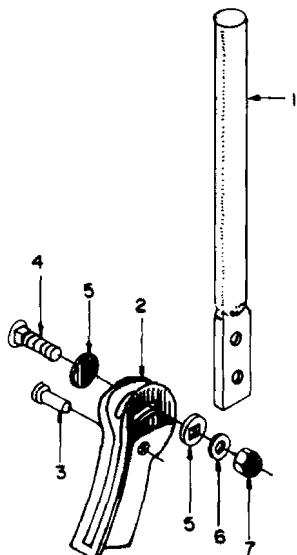
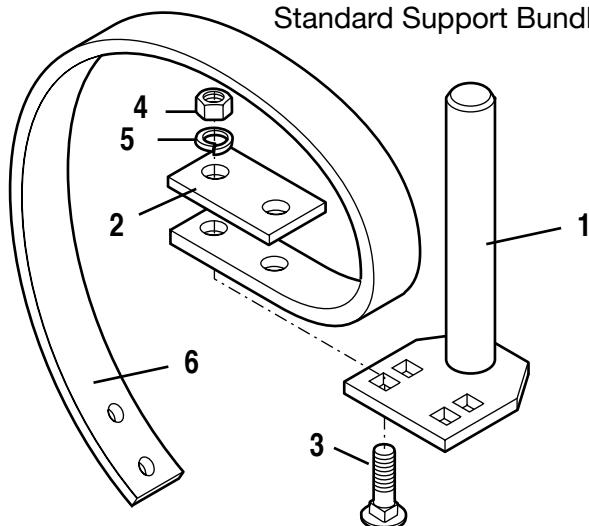
For 2000 Series Rolling Cultivators

Note: Mounting  
Bracket fits 3",  
3-1/2" or 4"  
**Diamond Tool Bar**

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
<b>A</b>	<b>805-101</b>	<b>Mount Assy., 3-1/2"Dia. Ga. Whl.</b>	1	14	627-159	Hub/Cups Q888	1
1	705-056	Bracket, Gauge Wheel 3-1/2" Dia.	1	15	622-006	Outer Cup	1
2	636-813	Cap, 3-1/2" Diamond Bar	1	16	622-008	Inner Cup	1
3	609-1436Z	Bolt, HMB 7/8 x 9" Gr. 2	2	17	622-009	Inner Bearing	1
4	601-1218Z	Bolt, HCS 3/4 x 4-1/2" Gr. 2	2	18	622-007	Outer Bearing	1
5	611-1401Z	Nut, Hex ZP 7/8"	2	19	623-002	Grease Seal	1
6	613-1200Z	Nut, Hex Nylock ZP 3/4"	1	20	627-560	Dust Cap, 6 Hole Hub (Q888)	1
B	705-080	Ratchet Jack, Gauge Wheel	1	21	607-0805Z	Bolt,Lug 1/2x1-1/4" 3/4 Head	6
7	617-250	Bushing, Clevis Std. G.W. Jack	1	22	614-1407	Nut, Hex Slotted 7/8" N.F.	1
8	617-026	Pin, Cotter 1/4 x 2"	1	23	616-1400	Bushing, Machine 14 Ga.7/8"	1
9	617-110	Tube,7/8 x 12"- Handle	1	24	617-020	Pin, Cotter 5/32 x 1-1/2"	1
10	617-107	Hairpin, 3/16 x 2"	2	<b>E</b>	<b>705-001</b>	<b>Wheel/Tire, 6 Hole 7.60x15"</b>	2
11	617-160	Pin, Clevis ZP 1 x 2"	1	<b>705-002</b>	<b>Wheel/Tire, 6 Hole 9.5Lx15"</b>	2	
<b>C</b>	<b>705-020L</b>	<b>Shank/Hub Assy., LH</b>	1	25	627-570	Tire, 7.60 x 15"	1
	<b>705-020R</b>	<b>Shank/Hub Assy., RH-Pictured</b>	1	26	627-569	Tire, 9.5L x 15"	1
12	705-019L	Shank/Spindle Wlmt., LH	1	627-456	Wheel, 6 Hole 15 x 5KB	1	
	705-019R	Shank/Spindle Wlmt., RH-Pict	1	627-460	Wheel, 6 Hole 15 x 8LB	1	
13	627-160	Hub Assy., 6 Hole Q888	1				

**L2099048 Spring Shank Assembly  
For Model Years 1974-Current**

Ref #	Part Number	Description	Qty
1	L2008065	Spring Shank Support	1
2	L2003136	Back - Up Plate	1
3	604-0808Z	1/2 x 2" Carriage Bolt	2
4	611-0801Z	1/2" Hex Nut	2
5	615-0800Z	1/2" Lockwasher	2
6	L50004072	Spring Shank	1



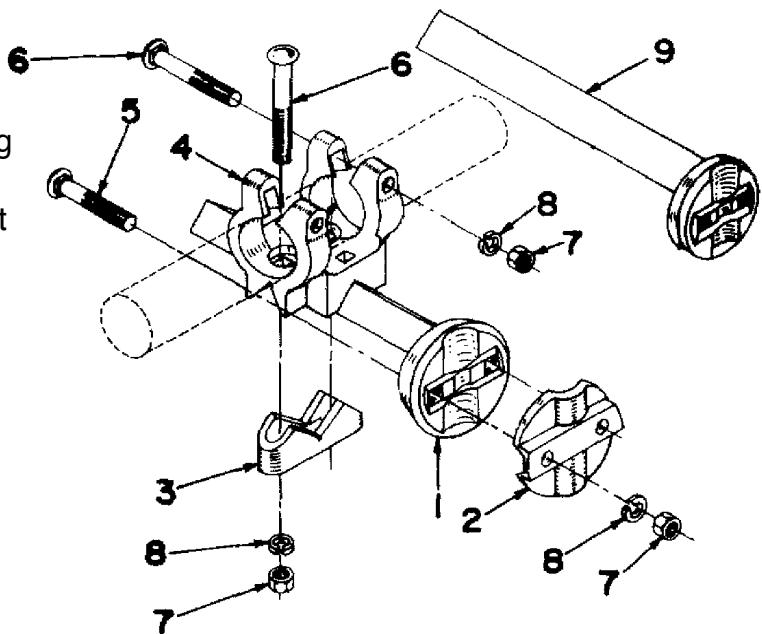
**L1499032 Rigid Shank Assembly  
For Model Years 1974-1985**

Ref #	Part Number	Description	Qty
1	L2006084	Sweep Shank	1
2	L1400038	Shovel Foot	1
3	L23011616	1/2 x 1-3/4" Rivet	1
4	604-0811Z	1/2 x 2-3/4" Carriage Bolt	1
5	L2050129	Ratchet Washer	2
6	L2050009	1/2" H.T. Washer	1
7	611-0801Z	1/2" Hex Nut	1

**L2099078 Standard Support Bundle  
Includes items 1-8**

**L50001987 Standard Support Bundle Long  
Includes items 2-9  
For Model Years 1974-Current**

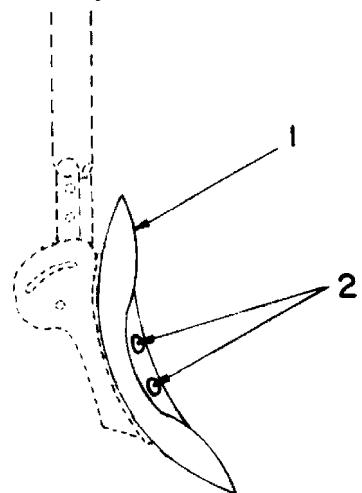
Ref #	Part Number	Description	Qty
1	L2000038	Shank Bracket, 9-1/4"	1
2	L2000037	Shank Clamp	1
3	L2000036	Bracket Clamp	1
4	L2000039	Sweep Clamp	1
5	604-0812Z	1/2 x 3" Carriage Bolt	2
6	604-0816Z	1/2 x 4" Carriage Bolt	4
7	611-0801Z	1/2" Hex Nut	6
8	615-0800Z	1/2" Lockwasher	6
9	L50001986	Shank Bracket, 13"	1



Chisel Foot  
Coil Spring Shank

BIGHAM BROTHERS, INC.

Spring Trip Foot Assy., L2099012; Model Year 1967-1979

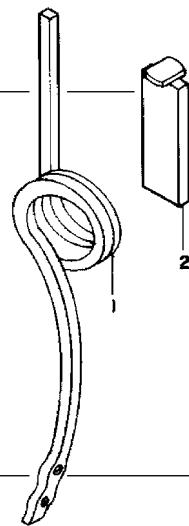


Chisel Foot  
For Model Years 1974-1985

Ref #	Part Number	Description	Qty
1	L1450061	Chisel Foot	1
2	608-0713Z	7/16 x 3-1/4" Plow Bolt	2
	611-0701Z	7/16" Hex Nut	2
	615-0700Z	7/16" Lockwasher	2
	616-0700Z	7/16" Flatwasher	2

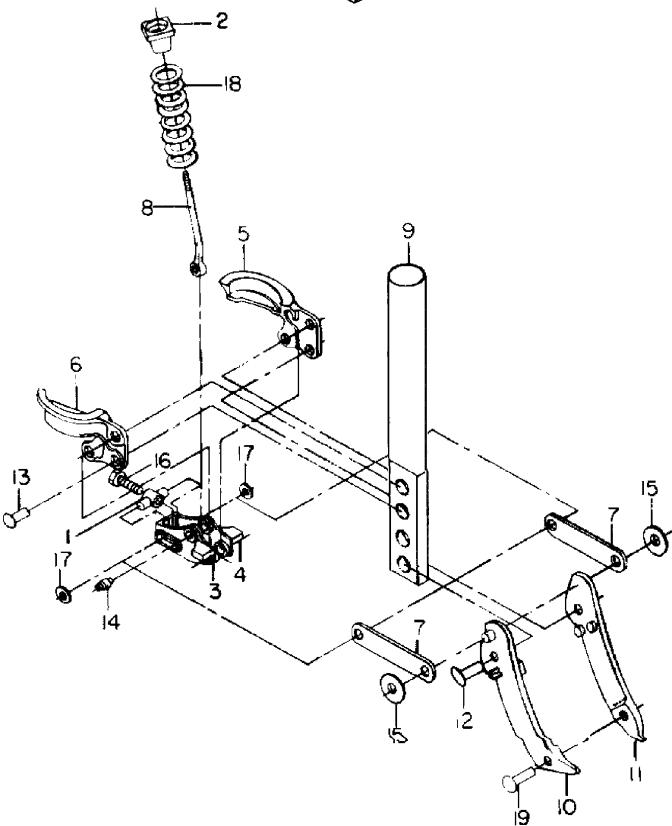
L2020080 Coil Spring Shank Assy.  
For Model Years 1974-1985

Ref #	Part Number	Description	Qty
1	L2050126	Coil Spring Shank	1
2	L2008206	Spacer	1



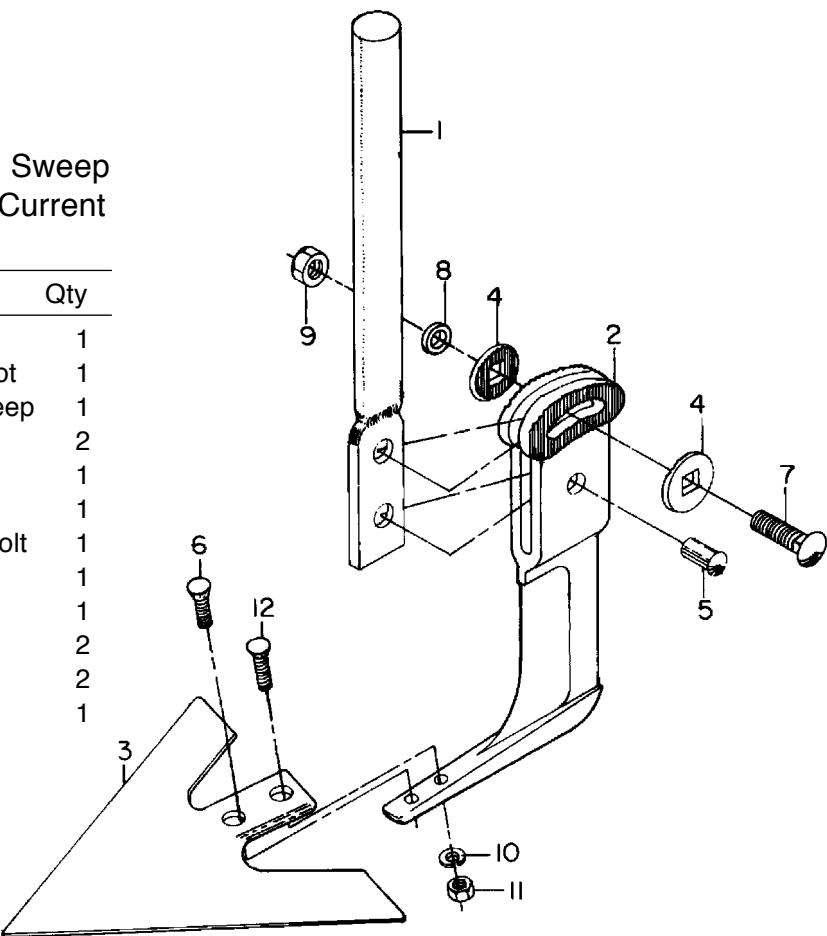
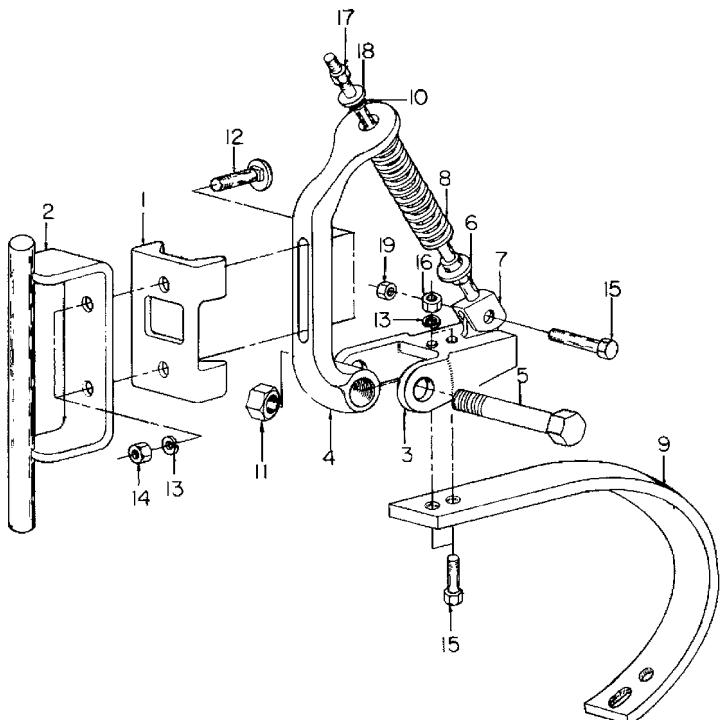
L2099012 Trip Foot Assembly  
For Model Years 1967-1979

Ref #	Part Number	Description	Qty
1	L2061071	Sleeve Adjust. Nut	1
2	L50015299	Plunger Nut	1
3	L2061068	Swivel Coupling, R	1
4	L2061067	Swivel Coupling, L	1
5	L2061065	Spring Support, L	1
6	L2061066	Spring Support, R	1
7	L2061074	Strap	2
8	L2061070	Plunger Rod	1
9	L2006018	Sweep Shank	1
10	L2061064	Shovel Sleeve, R	1
11	L2061063	Shovel Sleeve, L	1
12	L23011616	1/2 x 1-3/4" Rivet	1
13	L50015290	3/8 x 1-1/2" Rivet	2
14	L2061073	Shoulder Rivet	2
15	L1450031	Flatwasher	2
16	L2061072	Foot Bolt	1
17	L2061075	Washer	2
18	L1450018	Trip Spring	1
19	L50008857	5/16 x 7/8" Rivet	1



L1499033 High Speed Shank And Sweep  
For Model Years 1974-Current

Ref #	Part Number	Description	Qty
1	L2006084	Sweep Shank	1
2	L2000066	High Speed Sweep Foot	1
3	L2050085	Super High Speed Sweep	1
4	L2050129	Ratchet Washer	2
5	L23011616	1/2 x 1-3/4" Rivet	1
6	608-0605Z	3/8 x 1-1/4" Plow Bolt	1
7	604-0810Z	1/2 x 2-1/2" Carriage Bolt	1
8	L2050009	1/2" H.T. Washer	1
9	611-0801Z	1/2" Hex Nut	1
10	615-0600Z	3/8" Lockwasher	2
11	611-0601Z	3/8" Hex Nut	2
12	611-0801Z	3/8 x 1-1/2" Plow Bolt	1

L50001126 Spring Foot Assembly  
For Model Years 1977-1985

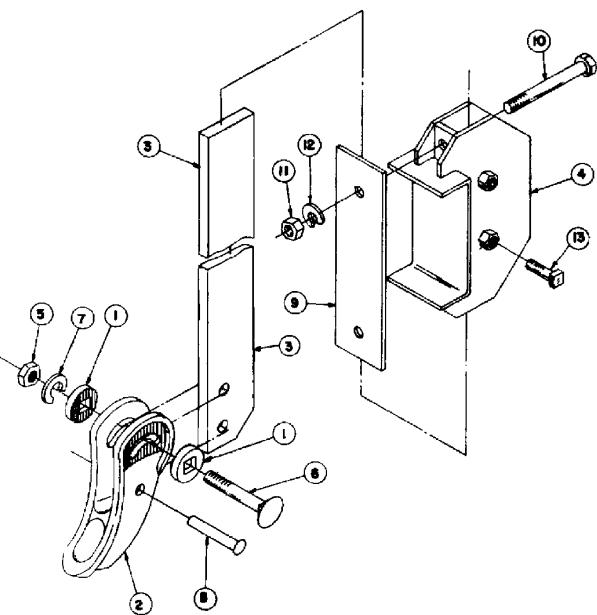
Ref #	Part Number	Description	Qty
1	L6600006	Clamp Bracket	1
2	L50001127	Shank Support	1
3	L6600004	Spring Tab	1
4	L6600002	Adjustable Shank	1
5	L50004294	Bolt	1
6	L6608012	Spring Keeper	1
7	L6608013	Spring Rod	1
8	L6650032	Spring	1
9	L6650033	Spring Shank	1
10	L2050008	Spring Buffer	1
11	613-1201Z	3/4" Locknut	1
12	604-0812Z	1/2 x 3" Carriage Bolt	2
13	615-0800Z	1/2" Lockwasher	4
14	611-0801Z	1/2" Hex Nut	2
15	602-0806Z	1/2 x 1-1/2" Capscrew	3
16	611-0801Z	1/2" Hex Nut	2
17	611-1001Z	5/8" Hex Nut	1
18	616-1005Z	5/8" Flatwasher	1
19	613-0801Z	1/2" Locknut	1

Bed Ripper; Model Year 1974

**BIGHAM BROTHERS, INC.**

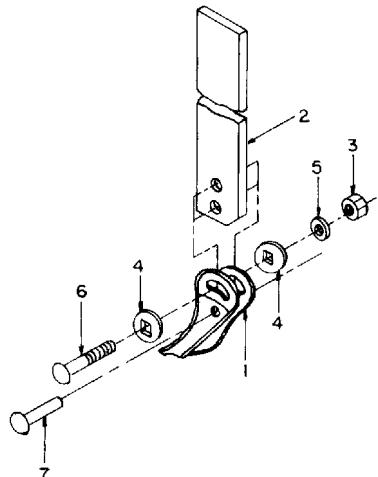
Bed Ripper; Model Year 1975-1985

Rigid Trip Shank; Model Year 1977-1985



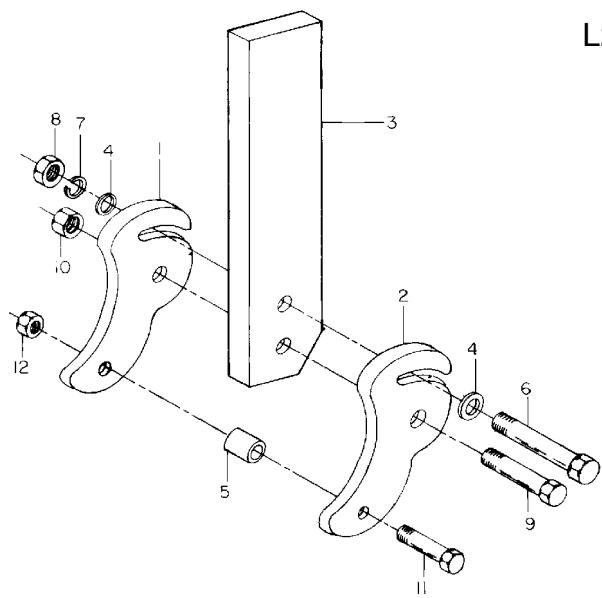
### Bed Ripper For Model Year 1974 Only

Ref #	Part Number	Description	Qty
1	L1400011	Ratchet Washer	2
2	L1400038	Shovel Foot	1
3	L2003150	Sweep Shank	1
4	L6408018	5 x 7" Bracket	1
5	611-0801Z	1/2" Hex Nut	1
6	604-0810Z	1/2 x 2-1/2" Carriage Bolt, Gr. 5	1
7	615-0800Z	1/2" Lockwasher	1
8	L23011616	1/2 x 1-3/4" Button Head Rivet	1
9	L6403027	Bracket Clamp	1
10	602-1230Z	3/4 x 7-1/2" Capscrew, Gr. 5	2
11	611-1201Z	3/4" Hex Nut	2
12	615-1200Z	3/4" Lockwasher	2
13	606-1006Z	5/8 x 1-1/2" Sq. Hd. Setscrew	2



### L2020073 Bed Ripper Shank For Model Years 1975-1985

Ref #	Part Number	Description	Qty
1	L2000052	Shovel Foot	1
2	L2003386	Shank	1
3	611-0801Z	1/2" Hex Nut	2
4	L2050129	Ratchet Washer	2
5	L2050009	1/2" H.T. Washer	1
6	604-0812Z	1/2 x 3" Carriage Bolt	1
7	L23011620	1/2 x 2" Rivet	1

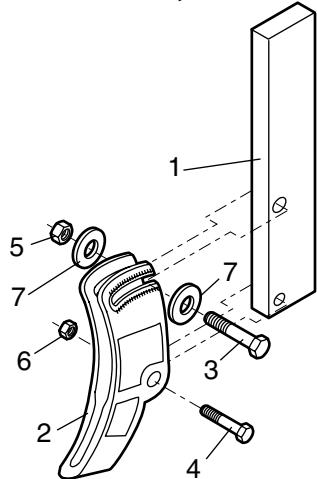


### L2020084 Rigid Trip Shank For Model Years 1977-1985

Ref #	Part Number	Description	Qty
1	L2007062	Shank Foot, Rt	1
2	L2007063	Shank Foot, Lt	1
3	L2003386	Shank	1
4	L2050009	1/2" H.T. Washer	2
5	L2004129	Spacer	1
6	601-0811Z	1/2 x 2-3/4" Capscrew	1
7	615-0800Z	1/2" Lockwasher	1
8	611-0801Z	1/2" Hex Nut	1
9	602-0810Z	1/2 x 2-1/2" Capscrew	1
10	613-0801Z	1/2" Locknut	1
11	602-0608Z	3/8 x 2" Capscrew	1
12	613-0601Z	3/8" Locknut	1

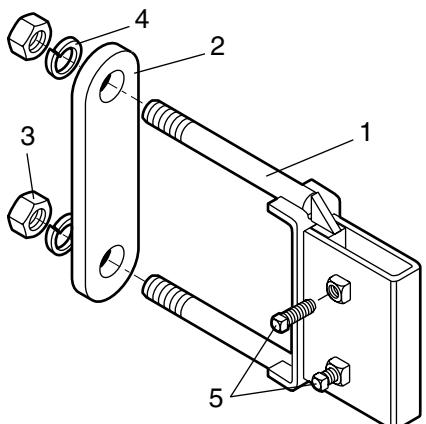
Bed Ripper Shank; Model Year 2001  
 Tool Bar Clamp; Model Year 2001  
 Tool Bar Clamp; Model Year 2002  
 Tool Bar Clamp Brackets-7x7, 5x7;  
 Model Year 1975-1985

**705-300 Bed Ripper Shank  
For Model Years 2001-Current**



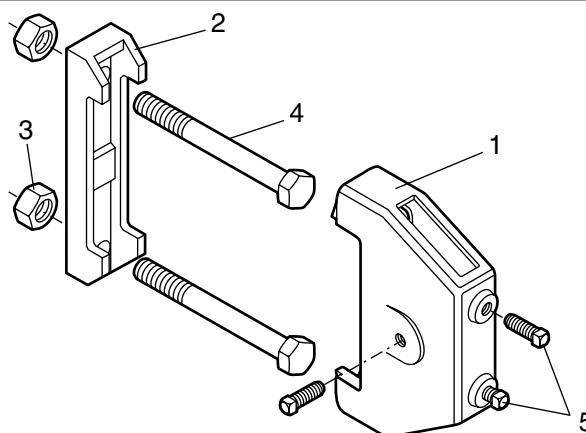
Ref #	Part Number	Description	Qty
1	631-300	Shank	1
2	628-003	Foot Piece, Cast	1
3	601-1012Z	5/8 x 3" Capscrew	1
4	601-0810Z	1/2 x 2-1/2" Capscrew	1
5	611-1001Z	5/8" Hex Nut	1
6	611-0801Z	1/2" Hex Nut	1
7	616-1002Z	5/8" Flatwasher (Hvy.)	2

**806-773HD Tool Bar Clamp  
For Model Years 2001-2002**

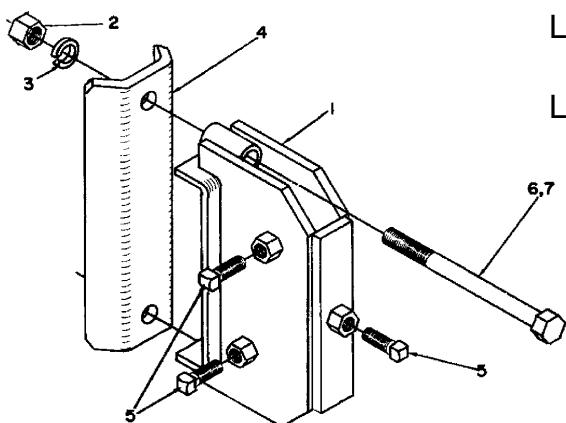


Ref #	Part Number	Description	Qty
1	636-773	Clamp Body, 7x7	1
2	636-834S	Strap Cap, 7"	1
3	611-1601Z	1" Hex Nut	2
4	615-1600	1" Lockwasher	2
5	606-1006Z	5/8" Sq. Hd Setscrew	2

**806-773 Tool Bar Clamp, 7x7  
806-753 Tool Bar Clamp, 5x7  
For Model Years 2002-Current**



Ref #	Part Number	Description	Qty
1	628-800	Clamp Body, 7x7	1
2	628-308	Cap, 7" Cast (7/8" Bolt)	1
3	611-1401Z	7/8" Hex Nut	2
4	609-1436Z	Bolt, HMB 7/8 x 9" For 7x7 Tool Bar	2
5	601-1428Z	Bolt, HCS 7/8 x 7" For 5x7 Tool Bar	2
5	606-1006Z	5/8" Sq. Hd Setscrew	3



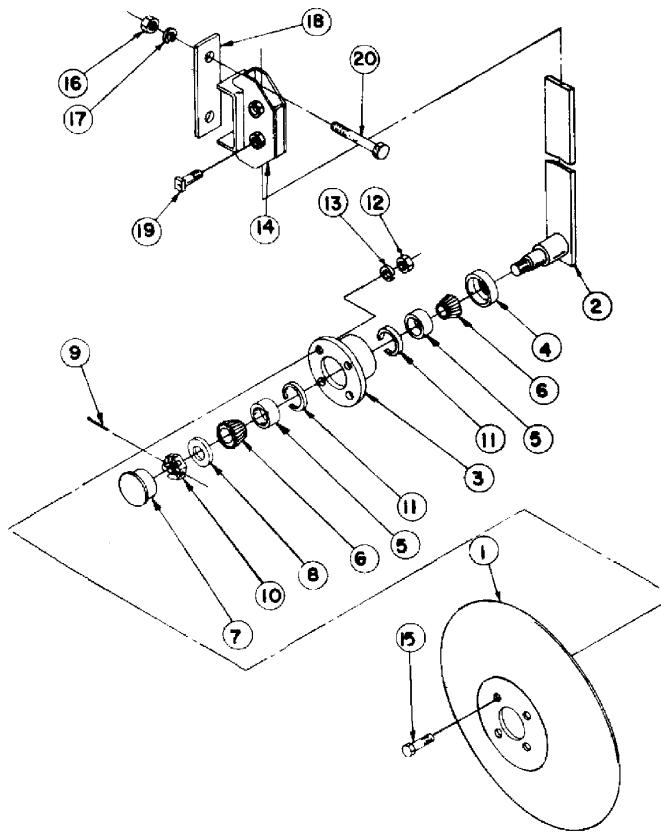
**L6410001 (5 X 7") Bracket Includes items 1-6.  
For Model Years 1975-1985**

**L6499031 (7 X 7") Bracket Includes items 1-5, 7.  
For Model Years 1975-1985**

Ref #	Part Number	Description	Qty
1	L6408026	Shank Clamp	1
2	611-1201Z	3/4" Hex Nut	2
3	615-1200Z	3/4" Lockwasher	2
4	L6403045	Clamp	1
5	606-1006Z	5/8 x 1-1/2" Setscrew	3
6	602-1228Z	3/4 x 7" Capscrew Gr. 5	2
7	602-1238Z	3/4 x 9-1/2" Capscrew Gr. 5	2

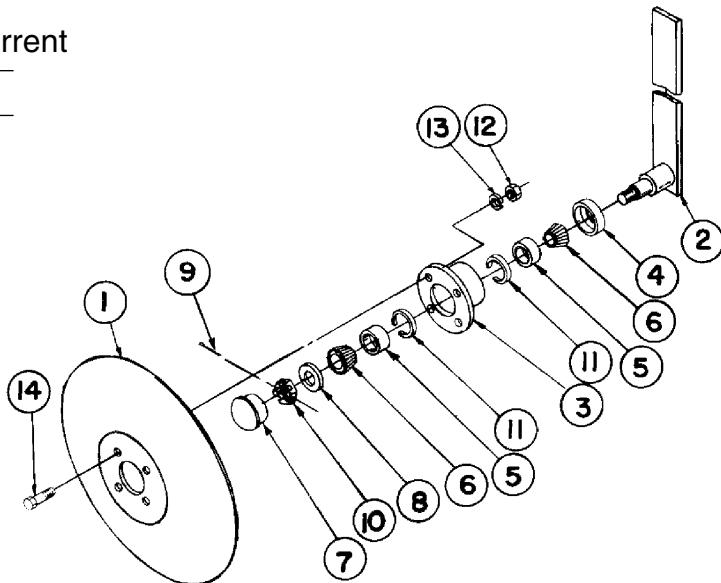
**Guide Cone For Model Year 1974 Only**

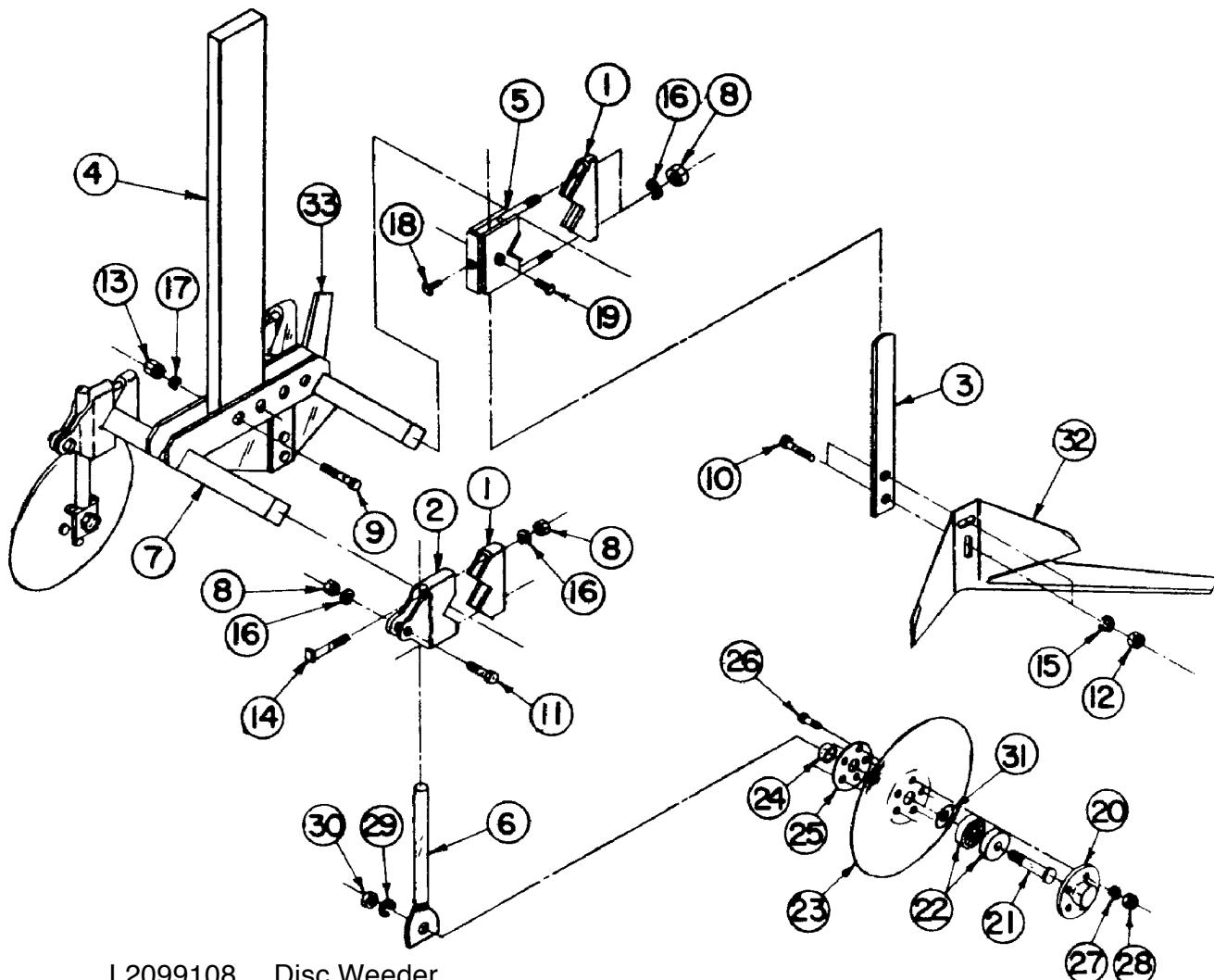
Ref #	Part Number	Description	Qty
1	L2050069	Guide Cone	1
2	-----	Guide Cone Arm- Not Supplied	1
3	L2000010	Cone Hub	1
4	L150140	Wheel Grease Seal	1
5	622-006	Inner Bearing Cup	2
6	622-007	Inner Wheel Bearing	2
7	L3750021	Hub Cap	1
8	L2003138	Bearing Washer	1
9	617-020	5/32 x 1-1/2" Cotter Pin	1
10	614-1207C	3/4" Slotted Nut	1
11	L2050068	Retaining Ring 3-5/16"	2
12	611-0801Z	1/2" Hex Nut	4
13	615-0800Z	1/2" Lockwasher	4
14	L6408018	(5 x 7") Bracket	1
15	604-0806Z	1/2 x 1-1/2" Carriage Bolt, Gr. 5	4
16	611-1201Z	3/4" Hex Nut	2
17	615-1201Z	3/4" Lockwasher	2
18	L6403027	Bracket Clamp	1
19	606-1008Z	5/8 x 2" Sq. Hd. Setscrew	2
20	602-1230Z	3/4 x 7-1/2" Capscrew, Gr. 5	2



**L2099110 Guide Cone  
For Model Years 1975-Current**

Ref #	Part Number	Description	Qty
1	L2050069	Guide Cone	1
2	L50003839	Guide Cone Arm	1
3	L50003843	Hub	1
4	L7650023	Seal	2
5	622-006	Inner Bearing Cup	2
6	622-007	Inner Wheel Bearing	2
7	L3750021	Hub Cap	1
8	L2003138	Bearing Washer	1
9	617-020	5/32 x 1-1/2" Cotter Pin	1
10	614-1207C	3/4" Slotted Nut	1
11	L2050068	Retaining Ring	2
12	611-0801Z	1/2" Hex Nut	4
13	615-0800Z	1/2" Lockwasher	4
14	604-0806Z	1/2 x 1-1/2" Carriage Bolt	4

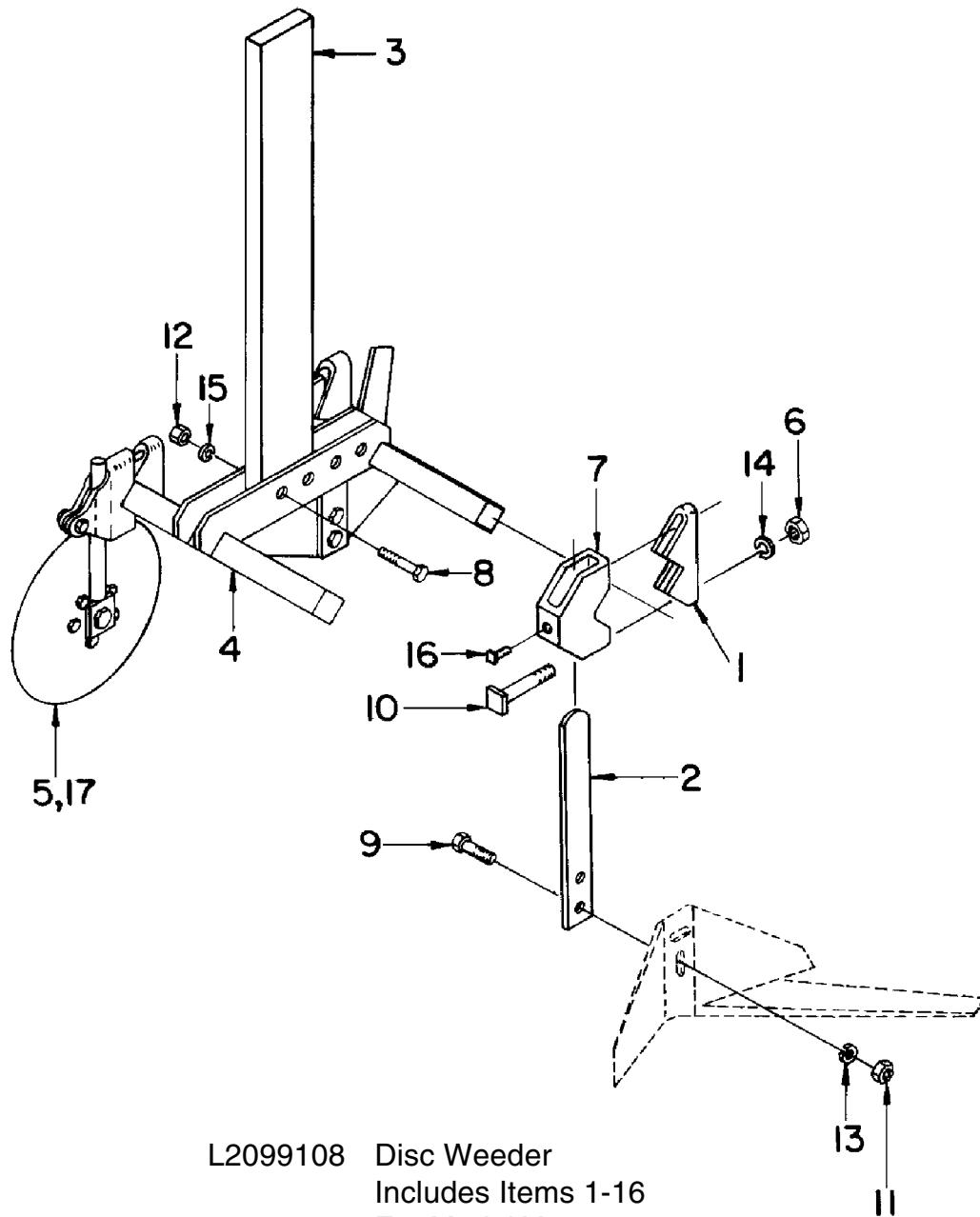




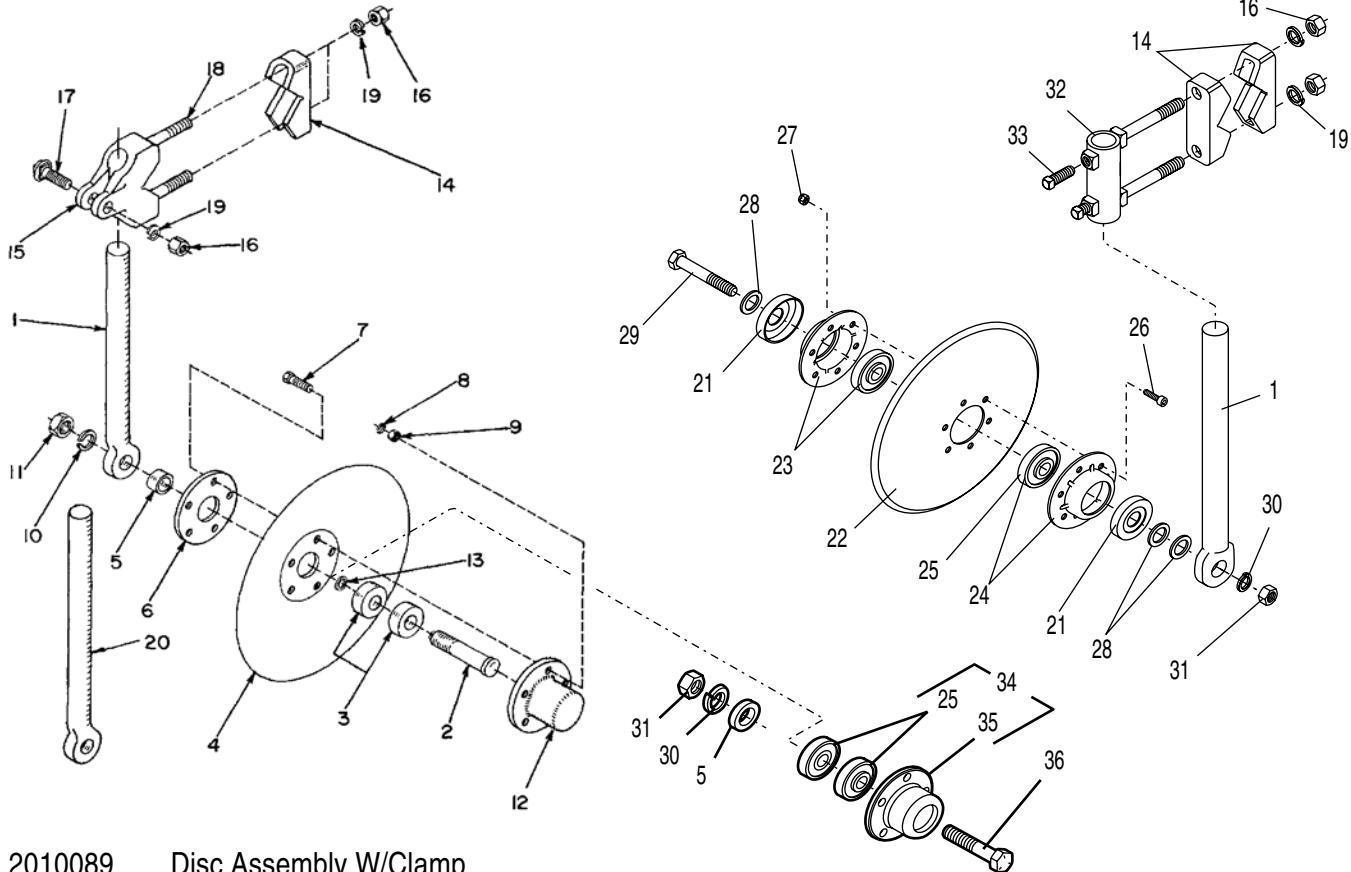
L2099108 Disc Weeder  
Includes items 1 thru 31.  
For Model Year 1975-1980

Ref #	Part Number	Description	Qty
1	L2000036	Bracket, Clamp	4
2	L2000050	Clamp, Row Gang	2
3	L2003400	Shank, Hoe	2
4	L2003401	Shank	1
5	L50000025	Clamp	2
6	L2050137	Shank, Disc	2
7	L2008202	Link, Disc Weeder	1
8	611-0801Z	1/2" N.C. Hex Nut	10
9	602-1010Z	5/8 x 2-1/2" Capscrew, Gr. 5	2
10	604-0605Z	3/8 x 1-1/4" Carriage Bolt, Gr. 5	4
11	604-0808Z	1/2 x 2" Carriage Bolt, Gr. 5	2
12	611-0601Z	3/8" Hex Nut	4
13	611-1001Z	5/8" Hex Nut	2
14	L7161630	1/2 x 3" Sq. Bolt, Gr. 5	8
15	615-0600Z	3/8" Lockwasher	4
16	615-0800Z	1/2" Lockwasher	10
17	615-1000Z	5/8" Lockwasher	2
18	606-0803Z	1/2 x 3/4" Sq. Hd. Setscrew	2

Ref #	Part Number	Description	Qty
19	606-0804Z	1/2 x 1" Sq. Hd. Setscrew	2
20	L2000051	Hub, Disc	2
21	L2050127	Axle, Disc	2
22	L2050094	Ball Bearing, 3/4" Bore	4
23	L2050128	Disc	2
24	L2004100	Spacer 1/8 x 3/4 x 1/2"	2
25	L2007053	Plate, Disc	2
26	602-0504Z	5/16 x 1" Capscrew, Gr. 5	10
27	615-0500Z	5/16" Lockwasher	10
28	611-0501Z	5/16" Hex Nut	10
29	615-1200Z	3/4" Lockwasher	2
30	614-1201Z	3/4" Jam Nut	2
31	L1561108	O-Ring (3/4 x 7/8")	2
32	639-006	Hoe, Tender Plant, 6" L.H.	1
	639-009	Hoe, Tender Plant, 9" L.H.	1
33	639-007	Hoe, Tender Plant, 6" R.H.	1
	639-010	Hoe, Tender Plant, 9" R.H.	1



Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L2000036	Clamp Bracket	2	10	L7161630	1/2 x 3" Sq. Bolt, Gr. 5	4
2	L2003400	Hoe Shank	2	11	611-0601Z	3/8" Hex Nut	4
3	L2003401	Shank	1	12	611-1001Z	5/8" Hex Nut	2
4	L2008202	Disc Weeder Link	1	13	615-0600Z	3/8" Lockwasher	4
5	L2010089	Disc Assy. w/Clamp (See Breakdown)	2	14	615-0800Z	1/2" Lockwasher	4
6	611-0801Z	1/2" Hex Nut	4	15	615-1000Z	5/8" Lockwasher	2
7	L50000025	Clamp	2	16	606-0803Z	1/2 x 3/4" Setscrew	2
8	602-1012Z	5/8 x 2-1/2" Capscrew	2	17	L50005537	Disc Assy. w/Clamp, Special (See Breakdown)	2
9	604-0605Z	3/8 x 1-1/4" Carriage Bolt	4				



L2010089 Disc Assembly W/Clamp  
Includes items 1-19.  
For Model Years 1981-1985

L50005537 Special Disc Assembly W/Clamp p  
Includes items 2-20.  
For Model Years 1981-1985

L2010069A Clamp Assembly  
Includes items 14,16, 19, 32,33.  
For Model Year 2001

L2010055A Special Disc Assembly  
Includes items 1, 21-31.  
For Model Year 2001

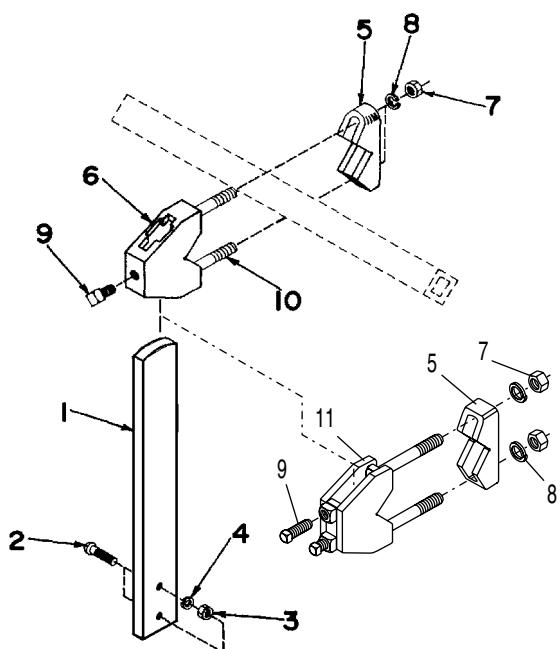
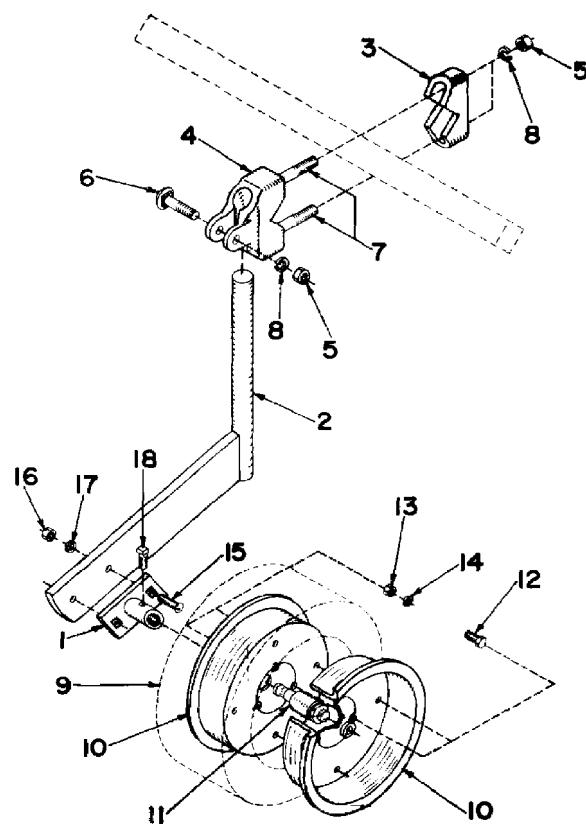
L2010088 Retro-Fit Hub For L2010089  
For Model Year 2002

Ref #	Part Number	Description	Qty
1	L2050137	Disc Shank	1
2	L2050127	Disc Axle	1
3	L2050094	Bearing	2
4	L2050128	Disc	1
5	L2004100	Spacer	1
6	L2007053	Disc Plate	1
7	602-0504Z	5/16 x 1" Capscrew	5
8	615-0500Z	5/16" Lockwasher	5
9	611-0501Z	5/16" Hex Nut	5
10	615-1200Z	3/4" Lockwasher	1
11	614-1201Z	3/4" Jam Nut	1
12	L2000051	Disc Hub	1
13	L1561108	O - Ring	1
14	L2000036	Clamp Bracket	1/2
15	L2000050	Row Gang Clam p	1
16	611-0801Z	1/2" Hex Nut	3
17	604-0808Z	1/2 x 2" Carriage Bolt	1
18	L7161630	1/2 x 3" Square Bolt	2
19	615-0800Z	1/2" Lockwasher	3
20	L50005535	Disc Shank, Special	1

Ref #	Part Number	Description	Qty
21	627-802	Hub Cap	2
22	630-013	Disc	1
23	627-800	Flange/Brg (Race Out)	1
24	627-800M	Flange/Brg (Race In)	1
25	622-075	Bearing	2
26	607-0304Z	Bolt, Socket Hd #10/24 x 7/8"	6
27	613-0300Z	Nut, Hex Nylock #10/24	6
28	616-1200	Washer	2
29	602-1016Z	5/8 x 4" Capscrew	1
30	615-1000Z	5/8" Lockwasher	1
31	614-1001Z	5/8" Jam Nut	1
32	L2000050A	Row Gang Clam p	2
33	606-0806Z	1/2 x 1-1/2" Setscrew	2
34	L2010088	Disc Hub Assy.	1
35	L2000054	Disc Hub	1
36	602-1013Z	5/8 x 3-1/4" Capscrew	1

**L2010087 Gauge Wheel Assembly  
For Model Years 1977-1985**

Ref #	Part Number	Description	Qty
1	L2008207	Gauge Wheel Hub	1
2	L2008211	Wheel Arm	1
3	L2000036	Clamp Bracket	1
4	L2000050	Row Gang Clamp	1
5	611-0801Z	1/2" Hex Nut	3
6	604-0807Z	1/2 x 1-3/4" Carriage Bolt	1
7	L7161630	1/2 x 3" Square Bolt	2
8	615-0800Z	1/2" Lockwasher	3
9	627-901	4 x 12 Tire	1
10	L6661002	Wheel Half	2
11	622-051	Bearing	1
12	602-0504Z	5/16 x 1" Capscrew	7
13	611-0501Z	5/16" Hex Nut	7
14	622-051	5/16" Lockwasher	7
15	604-0605Z	3/8 x 1 1/4" Carriage Bolt	2
16	611-0601Z	3/8" Hex Nut	2
17	615-0600Z	3/8" Lockwasher	2
18	606-0603Z	3/8 x 3/4" Setscrew	1



**L2010090 Hoe Shank Assembly W/Clamp**

For Model Years 1977-1985

**L2010071 Clamp Assembly, 1/2x2"**

Includes Items 5-10

For Model Years 1977-1985

**L2010071A Clamp Assembly, 1/2x2"**

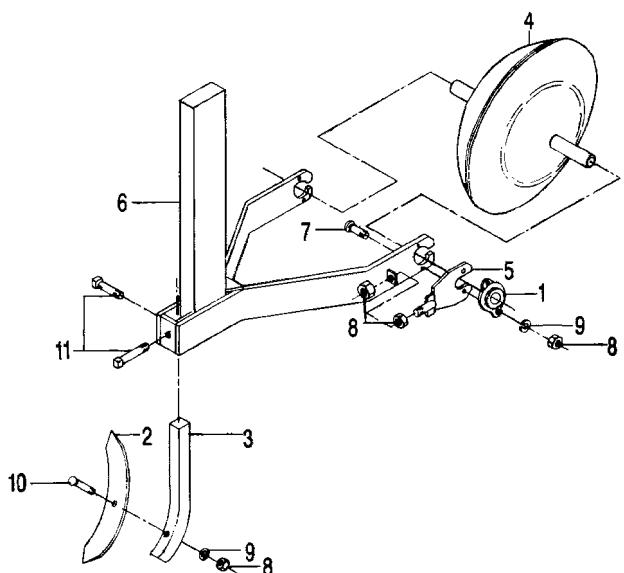
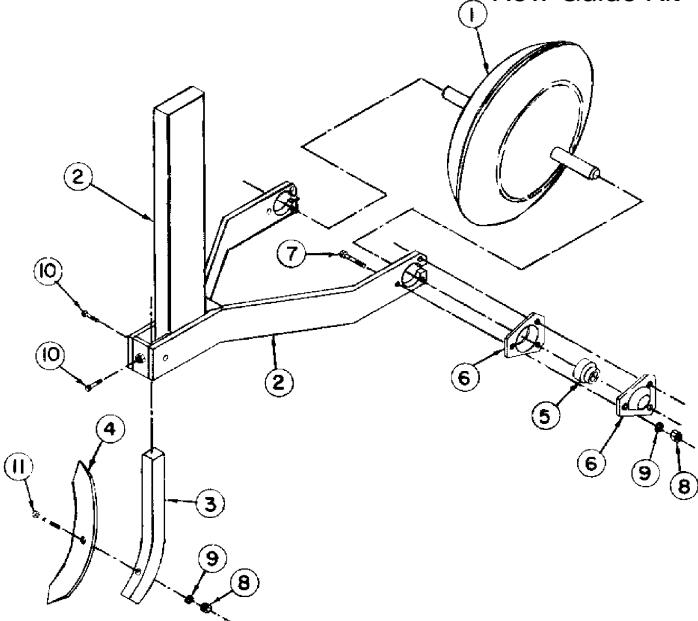
Includes Items 6, 7, 8, 9, 7, 11

For Model Year 2001

Ref #	Part Number	Description	Qty
1	L2003400	Hoe Shank	1
2	604-0605Z	3/8 x 1 1/4" Carriage Bolt	2
3	604-0605Z	3/8" Hex Nut	2
4	604-0605Z	3/8" Lockwasher	2
5	L2000036	Clamp Bracket	1
6	L50000025	Clamp p	1
7	611-0801Z	1/2" Hex Nut	2
8	615-0600Z	1/2" Lockwasher	2
9	606-0803Z	1/2 x 3/4" Setscrew	1
10	L7161630	1/2 x 3" Sq. Bolt	2
11	L50000025A	Clamp p	1

Guide Wheel  
 For Model Years 1975-1976

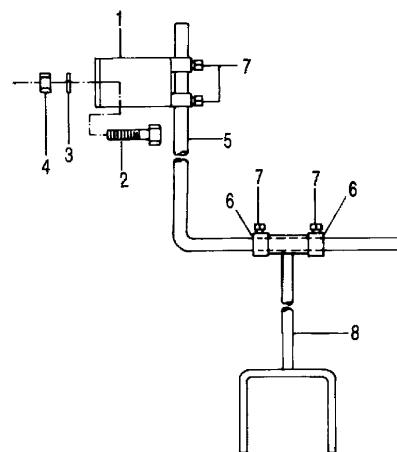
Ref #	Part Number	Description	Qty
1	L2008197	Wheel, Guide	1
2	L2008198	Guide Wheel Fork	1
3	L2003391	Chisel Shank	1
4	L2050133	8" Cultivator Tooth	1
5	L1561008	Ball Brdg. (1.25)	2
6	L5550040	Triangular 62MM Flangette	4
7	602-0605Z	3/8 x 1-1/4" Capscrew, Gr. 5	6
8	611-0601Z	3/8" Hex Nut	7
9	615-0600Z	3/8" Lockwasher	7
10	606-0604Z	3/8 x 1" Sq. Hd. Setscrew	2
11	608-0610Z	3/8 x 2-1/2" Plow Bolt, Gr. 5	1

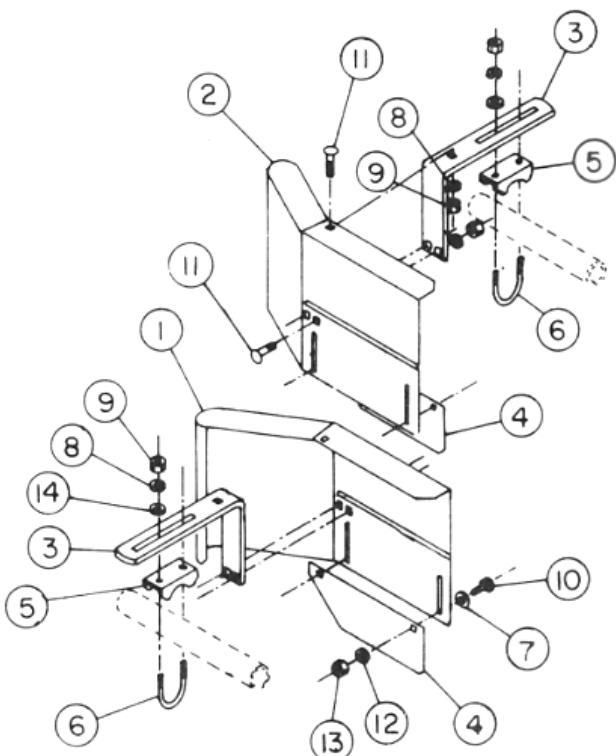

 L50000711 Adjustable Guide Wheel  
 For Model Years 1977- Current

Ref #	Part Number	Description	Qty
1	L50002188	Bearing	2
2	L2050133	Cultivator Tooth	1
3	L2003391	Chisel Shank	1
4	L2008197	Guide Wheel	1
5	L50000709	Take-Up Bracket	2
6	L50000710	Guide Wheel Fork	1
7	604-0606Z	3/8 x 1-1/2" Carriage Bolt	4
8	611-0601Z	3/8" Hex Nut	9
9	615-0600Z	3/8" Lockwasher	5
10	608-0610Z	3/8 x 2-1/2" Plow Bolt	1
11	606-0604Z	3/8 x 1" Setscrew	2

 L2020044 Row Guide Kit  
 For Model Years 1974-1985

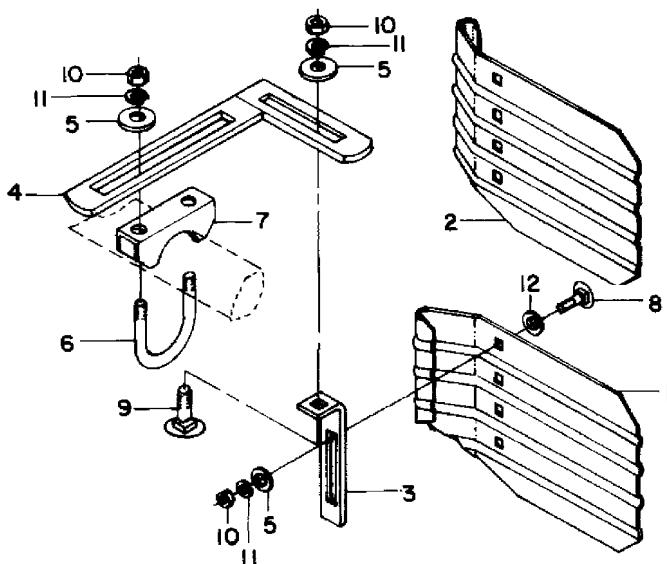
Ref #	Part Number	Description	Qty
1	L50001350	Mounting Bracket	1
2	602-1008Z	5/8 x 2" Capscrew	1
3	615-1000Z	5/8" Lockwasher	1
4	611-1001Z	5/8" Hex Nut	1
5	L2006025	Yoke Support	1
6	L2050065	Adjust Collar	2
7	606-0803Z	1/2 x 3/4" Setscrew	4
8	L2008089	Yoke Assy.	1





**L2099051      Deluxe Heavy Duty Crop Shield  
For Model Years 1974-Current**

Ref #	Part Number	Description	Qty
1	L2008075	Crop Shield, Lt	1
2	L2008076	Crop Shield, Rt	1
3	L2003151	Support Arm	2
4	L2007018	Crop Shield Extension	2
5	L2007008	U - Clamp Support	2
6	L2006016	U - Clamp	2
7	616-0800Z	1/2" Flatwasher	4
8	615-0800Z	1/2" Lockwasher	10
9	611-0801Z	1/2" Hex Nut	10
10	604-0603Z	3/8 x 3/4" Carriage Bolt	4
11	604-0805Z	1/2 x 1-1/4" Carriage Bolt	6
12	615-0600Z	3/8" Lockwasher	4
13	611-0601Z	3/8" Hex Nut	4
14	L2050009	1/2" H.T. Washer	4

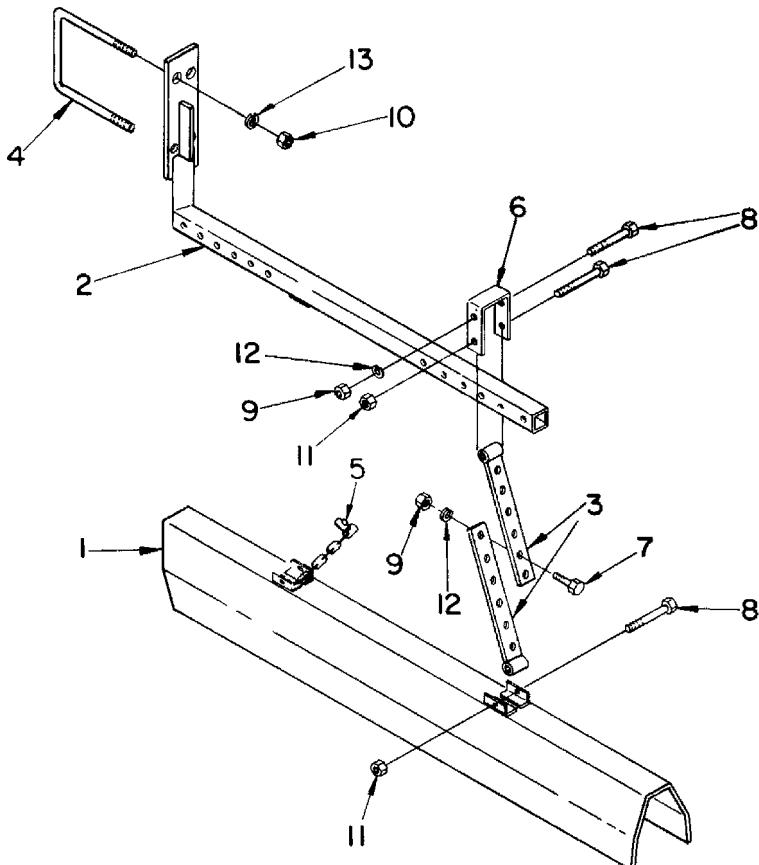
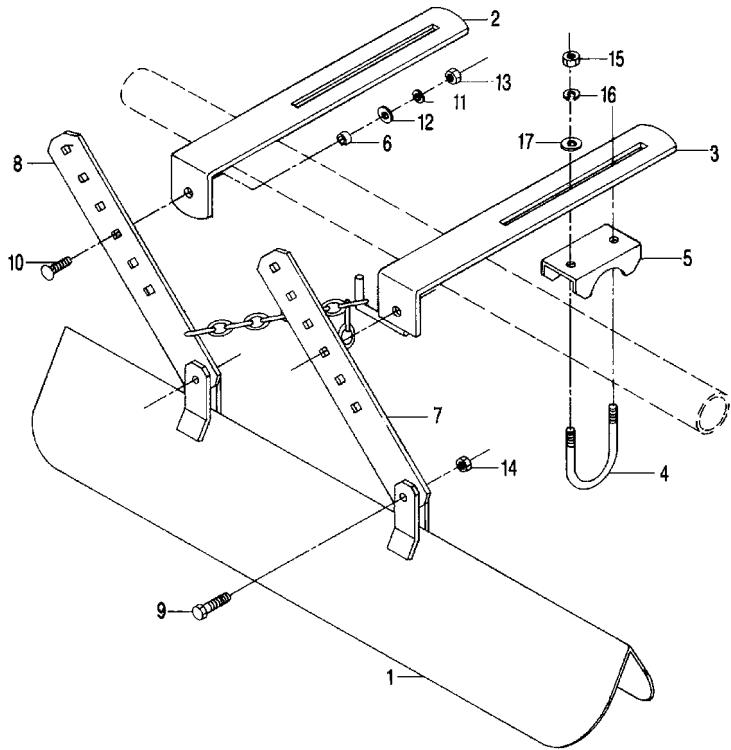


**L6499012      Heavy Duty Crop Shield  
For Model Years 1974-1985**

Ref #	Part Number	Description	Qty
1	L6407001	No. 1 H.D. Crop Shield	1
2	L6407002	No. 2 H.D. Crop Shield	1
Repair parts for items above no longer supplied.			
3	L6403004	Vertical Bracket	2
4	L6408006	Shield Support	2
5	L2050009	1/2" H.T. Washer	10
6	L2006016	1/2" U - Clamp	2
7	L2007008	U - Clamp Support	2
8	604-0605Z	1/2 x 1-1/4" Carriage Bolt	4
9	604-0806Z	1/2 x 1-1/2" Carriage Bolt	2
10	611-0801Z	1/2" H.T. Hex Nut	10
11	615-0800Z	1/2" Lockwasher	10
12	616-1200Z	3/4" Flatwasher	4

L50007499 Tent Shield  
For Model Year 1985 Only

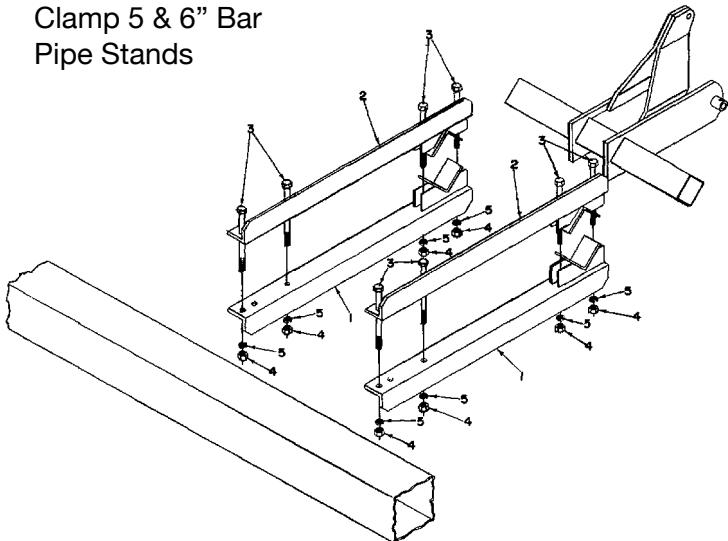
Ref #	Part Number	Description	Qty
1	L50007500	Hood	1
2	L50007505	Arm Assembly	1
3	L50007511	Hanger Bracket	4
4	L50007514	U - Bolt	2
5	L50007515	Quick Link	1
6	L50007516	Bracket	2
7	602-0604Z	3/8 x 1" Capscrew	4
8	602-0614Z	3/8 x 3-1/2" Capscrew	6
9	611-0601Z	3/8" Hex Nut	6
10	611-1201Z	3/4" Hex Nut	4
11	613-0601Z	3/8" Locknut	4
12	615-0600Z	3/8" Lockwasher	6
13	615-1200Z	3/4" Lockwasher	4

L2020008 Rear Gang Tent Shield  
For Model Years 1974-1985

Ref #	Part Number	Description	Qty
1	L1408181	Tent Shield	1
2	L2003077	Arm Support	1
3	L2008019	Arm Support w/Hook	1
4	L2006016	U - Clamp	2
5	L2007008	U - Clamp Support	2
6	L1404104	Pivot Bushing	2
7	LL1403221	Shield Arm	1
8	L1408183	Shield Arm w/chain	1
9	602-0605Z	3/8 x 1-1/4" Capscrew	2
10	604-0605Z	3/8 x 1-1/4" Carriage Bolt	2
11	615-0600Z	3/8" Lockwasher	2
12	L15830	3/8" Flatwasher	2
13	611-0601Z	3/8" Hex Nut	2
14	613-0601Z	3/8" Locknut	2
15	611-0801Z	1/2" Hex Nut	4
16	615-0800Z	1/2" Lockwasher	4
17	L2050009	1/2" H.T. Washer	4

Lift Assist Brackets  
Clamp 5 & 6" Bar  
Pipe Stands

**BIGHAM BROTHERS, INC.**

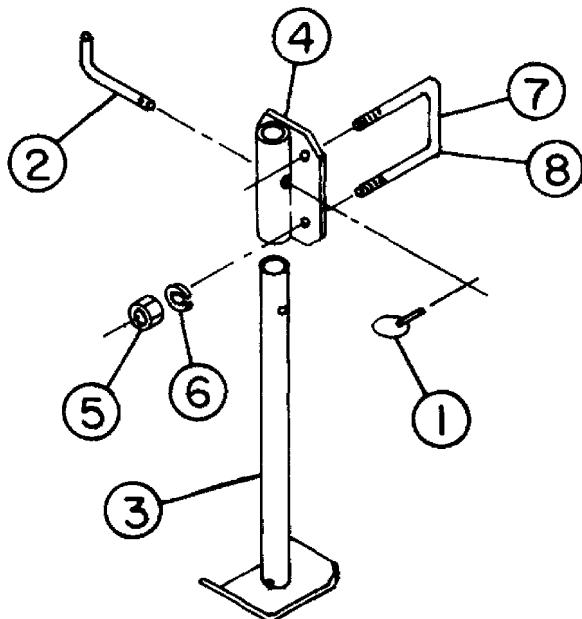
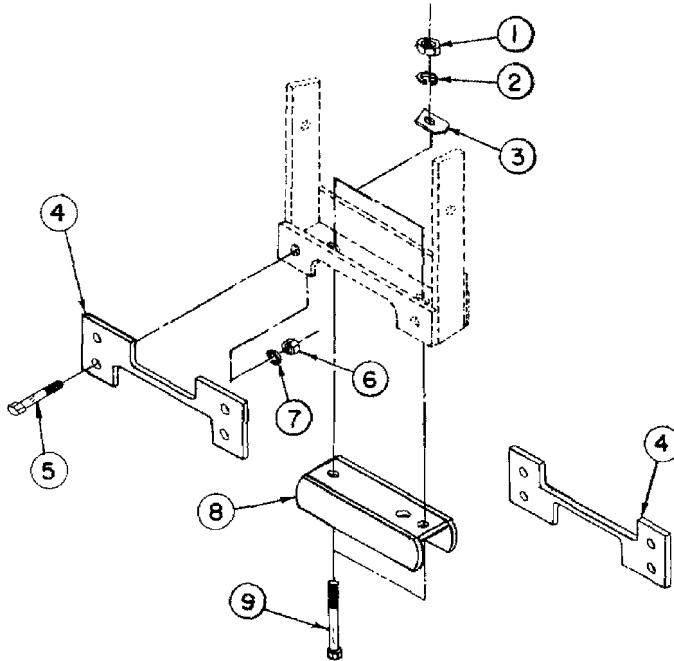


**L50005547 Lift Assist Brackets 5x7 - 7x7  
For Model Years 1981-1984**

Ref #	Part Number	Description	Qty
1	50005451	Long Clamp, LH	2
2	50005453	Long Clamp, RH	2
3	602-1236Z	3/4 x 9" Capscrew, Gr. 5	8
4	611-1201Z	3/4" Hex Nut	8
5	615-1200Z	3/4" Lockwasher	8

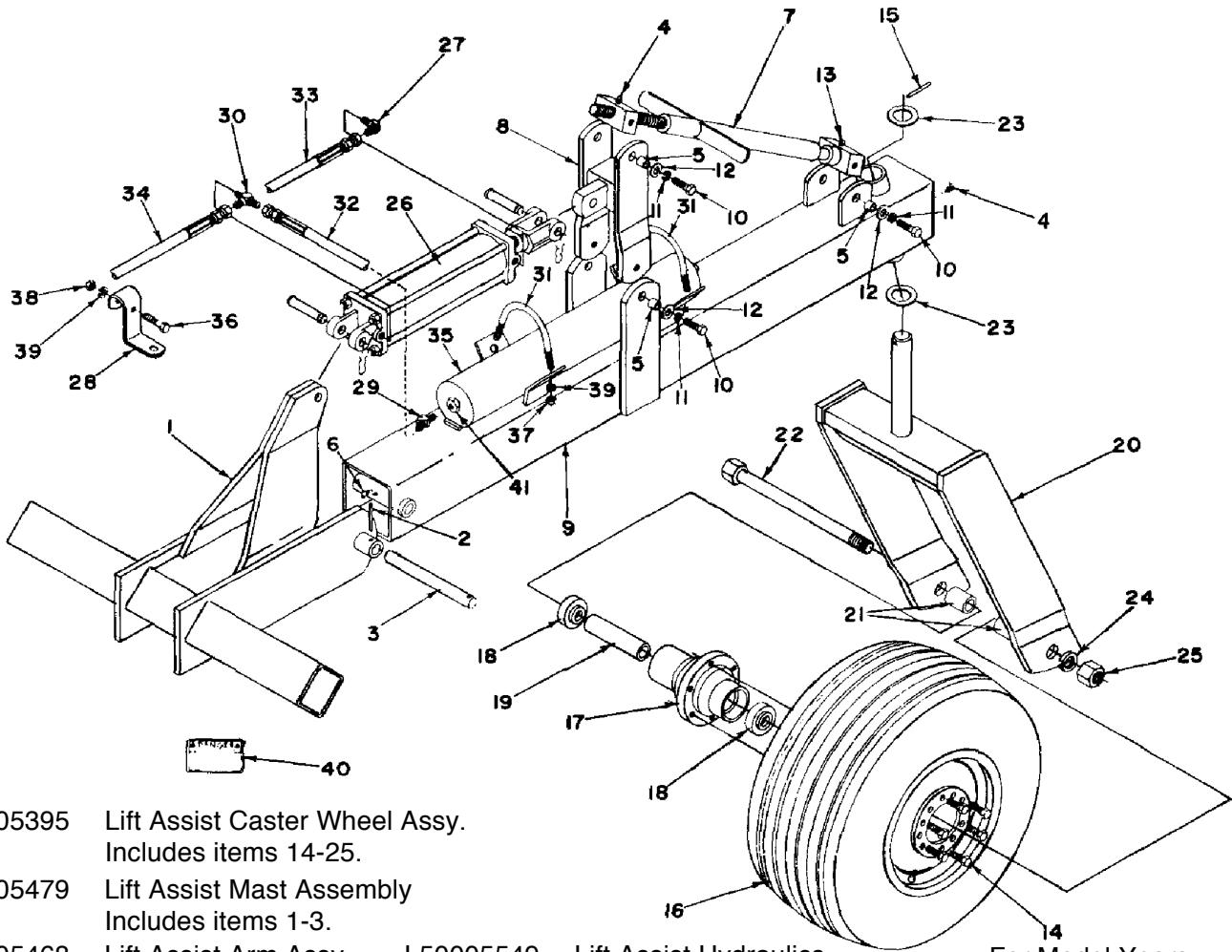
**L7099006 5" And 6" Clamp  
For Model Years 1981-1984**

Ref #	Part Number	Description	Qty
1	611-1401Z	7/8" Hex Nut	2
2	615-1400	7/8" Lockwasher	2
3	L7003033	Bolt Locator	2
4	L50005625	Adaptor Place	2
5	602-1006Z	5/8 x 1-1/2" Capscrew, Gr. 5	4
6	611-1001Z	5/8" Hex Nut	4
7	615-1000Z	5/8" Lockwasher	4
8	L7008010	Rectangle Clamp	1
9	602-1438Z	7/8 x 9-1/2" Hex Hd. Bolt, Gr. 5	2



**L6499009 5 X 7 Pipe Stand  
(Includes items 1-7)  
L6499032 7 X 7 Pipe Stand  
(Includes items 1-6, 8)**

Ref #	Part Number	Description	Qty
1	L2050001	Klik Pin	1
2	L1506023	Jack Pin	1
3	L2008050	Leg Stand	1
4	L6408007	Stand Support	1
5	611-1001Z	5/8" Hex Nut	4
6	615-1000Z	5/8" Lockwasher	4
7	L6406002	5/8" U - Bolt	2
8	L6406012	5/8" U - Bolt	2



L50005395 Lift Assist Caster Wheel Assy.  
Includes items 14-25.

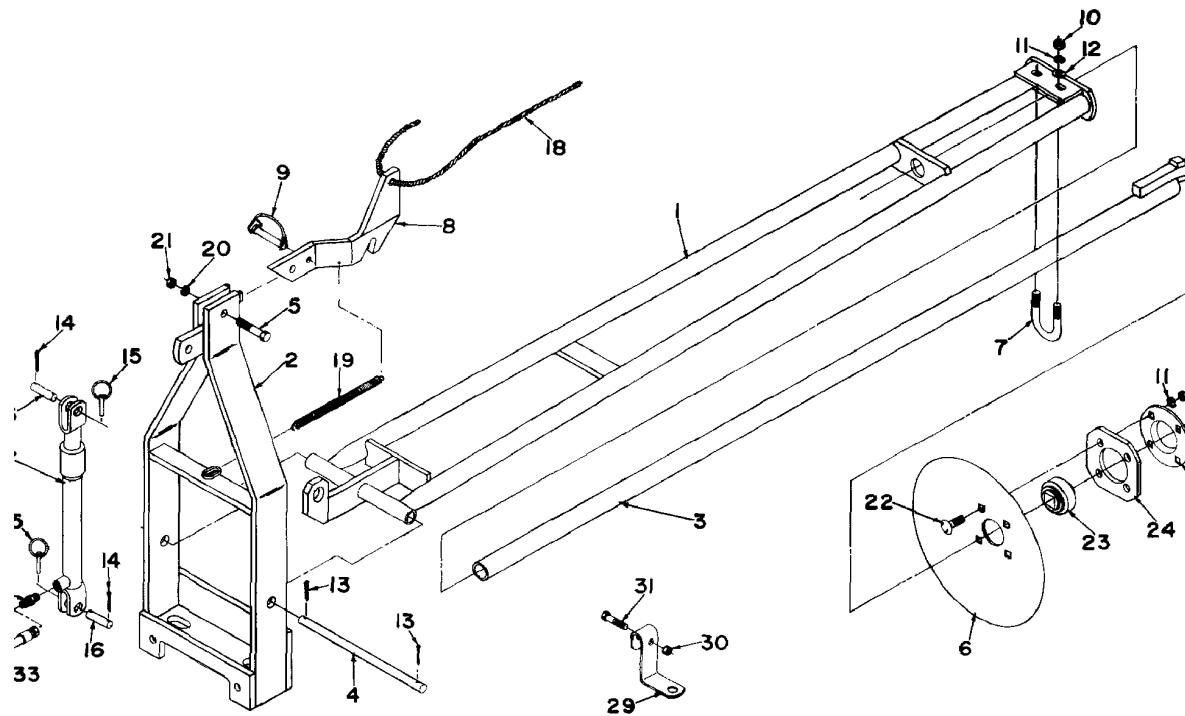
L50005479 Lift Assist Mast Assembly  
Includes items 1-3.

L50005468 Lift Assist Arm Assy. L50005549  
Includes items 4-13.

Lift Assist Hydraulics  
Includes items 26-41.

For Model Years  
1981-1984

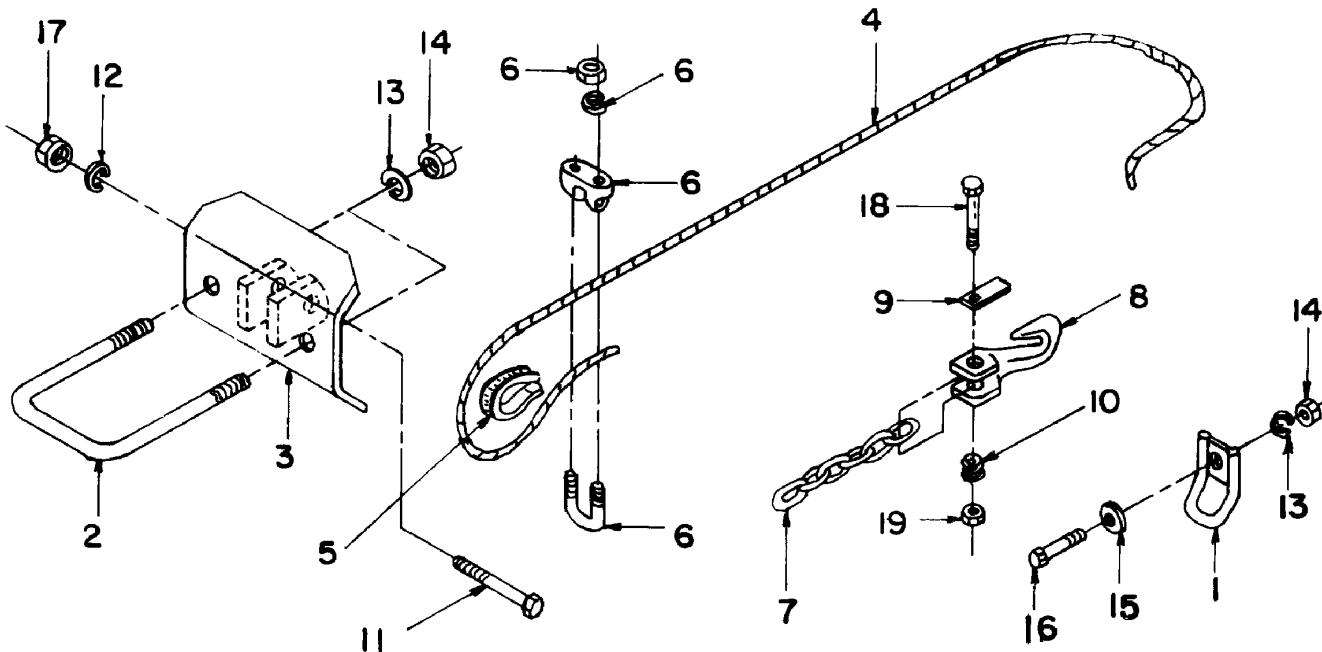
Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50005420	Mast	1	23	L50005463	Washer	2
2	L50005379	Roll Pin	1	24	L16044000	1-1/4" Lockwasher	1
3	L50005478	Pivot Pin	1	25	611-2001Z	1-1/4" Hex Nut	1
4	L150033	1/4 - 28 NF 2 St. Fitting	2	26	L6450008	Hydraulic Cylinder 3 x 10 x 20.38	1
5	L2004021	Pivot Bushing	6	27	L50010174	Hydraulic Cylinder 3 x 10 x 20.25	1
6	L50003037	Grease Fitting	1	28	L7003037	Hose Holder	2
7	L50005407	Turnbuckle	1	29	L7650010	Fitting, 45° Male	1
8	L50005416	Pivot Link	1	30	L50005378	Tee	1
9	L50005469	Lift Arm	1	31	L50005464	Bolt Clamp	2
10	602-1006Z	5/8 x 1-1/2" Capscrew, Gr. 5	6	32	L50005465	Hose, .38 x 24	1
11	615-1000Z	5/8" Lockwasher	6	33	L50005467	Hose, .38 x 108	1
12	616-1005Z	5/8" Flatwasher	6	34	L50005541	Hose, .38 x 96	1
13	606-0603Z	3/8 x 3/4" Setscrew, Gr. 8	1	35	L50005376	Accumulator Assembly	1
14	L37L50019	Wheel Bolt	6	36	602-0607Z	3/8 x 1-3/4" Capscrew, Gr. 5	2
15	L50005379	Roll Pin	1	37	611-0601Z	3/8" Hex Nut	4
16	L50005389	Wheel and Tire	1	38	613-0601Z	3/8" Locknut	2
17	L50005390	Hub, 6 Bolt	1	39	615-0600Z	3/8" Lockwasher	4
18	L50005393	Bearing	2	40	L50005540	Danger Decal	1
19	L50005394	Spacer	1	41	L50005377	Reducer	1
20	L50005410	Fork	1	42	L50003983	Hose, .50 x 48 (Not Shown)	2
21	L50005462	Fork Spacer	2	43	L50005542	Pipe Tee (Not Shown)	2
22	L50005460	Axle Bolt	1				



L7099007 Hydraulic Disc Row Marker Includes items 1-31.  
For Model Years 1981-1984

L50002031 Hydraulic Hose Includes items 29-33.  
For Model Years 1981-1984

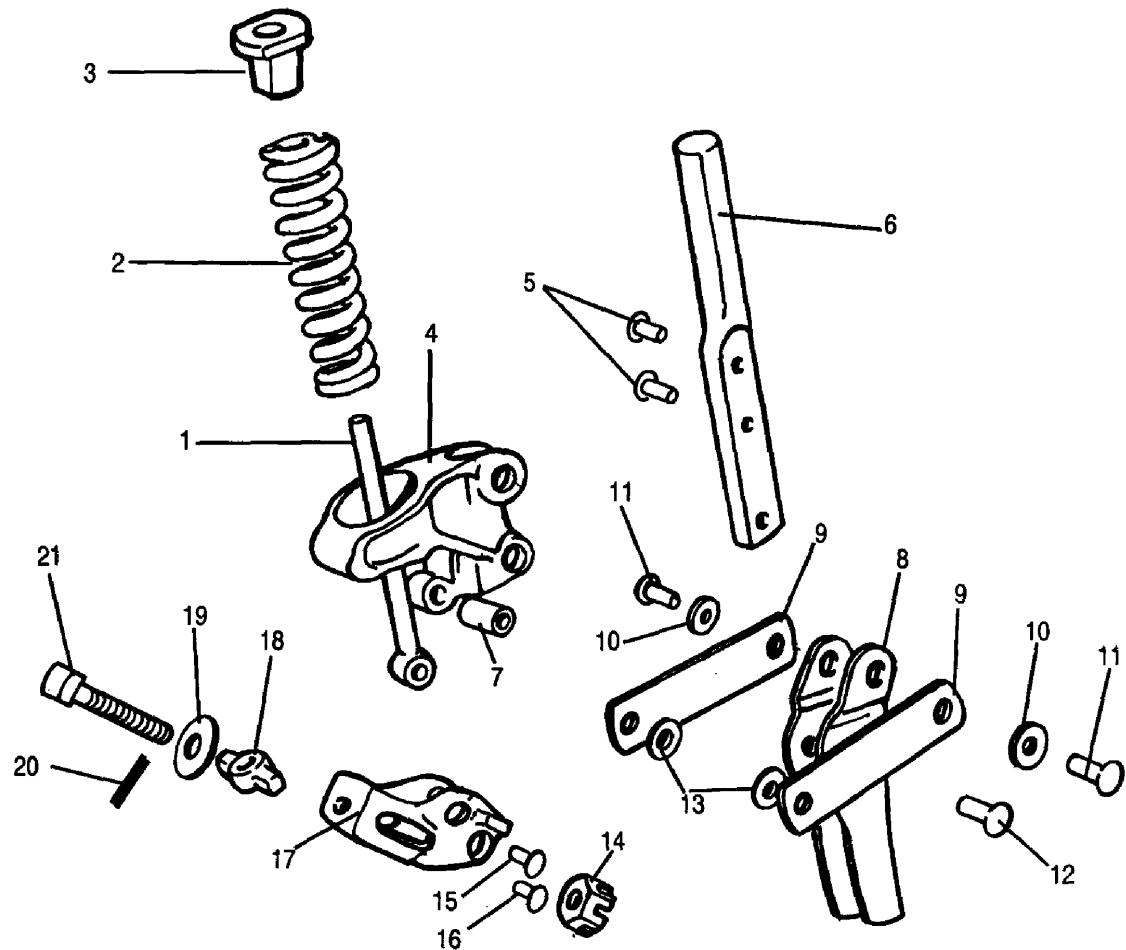
#	Part Number	Description	Qty	Ref #	Part Number	Description
	L7008001	Row Marker Boom	1	18	L450182	Hyd. Valve Rope
	L7008011	Row Marker Frame	1	19	L5550030	Ext. Spring
	L7008002	Center Boom	1	20	615-1000Z	5/8" Lockwasher
	L7006001	Boom Pivot Pin	1	21	611-1001Z	5/8" Hex Nut
	602-1010Z	5/8 x 2-1/2" Capscrew, Gr. 5	1	22	604-0806Z	1/2 x 1-1/2" Carriage Bolt
	L7050003	Disc (16")	1	23	L14-22-63	Bearing, Sq. Bore
	L7006002	U - Bolt	1	24	L7003018	Spacer Bearing
	L7008005	Boom Latch	1	25	L7050002	Flanette, 80mm
	L2450019	Univ. Retainer Pin	1	26	611-0801Z	1/2" Hex Nut
	611-0801Z	1/2" Hex Nut	2	27	615-1601Z	1" Lockwasher
	615-0800Z	1/2" Lockwasher	6	28	614-1601Z	1" Jam Nut
	616-0800Z	1/2" Flatwasher	2	29	L7003037	Hose Holder
	617-060	1/4 x 1-1/2" Cotter Pin	2	30	613-0601Z	3/8" Locknut
	617-049	3/16 x 1-1/2" Cotter Pin	2	31	602-0607Z	3/8 x 1-3/4" Capscrew, G
	L2050001	Klik Pin	2	32	L53340	Male Connector
	L7006003	Clevis Pin	2	33	L6050071	3/8 x 138 Hose
	L7050008	Hyd. Cylinder (1-1/4 x 8 x 17")	1			



L6420012 Tool Bar Support Cable Attachment (5" x 7")  
For Model Years 1975 -1985

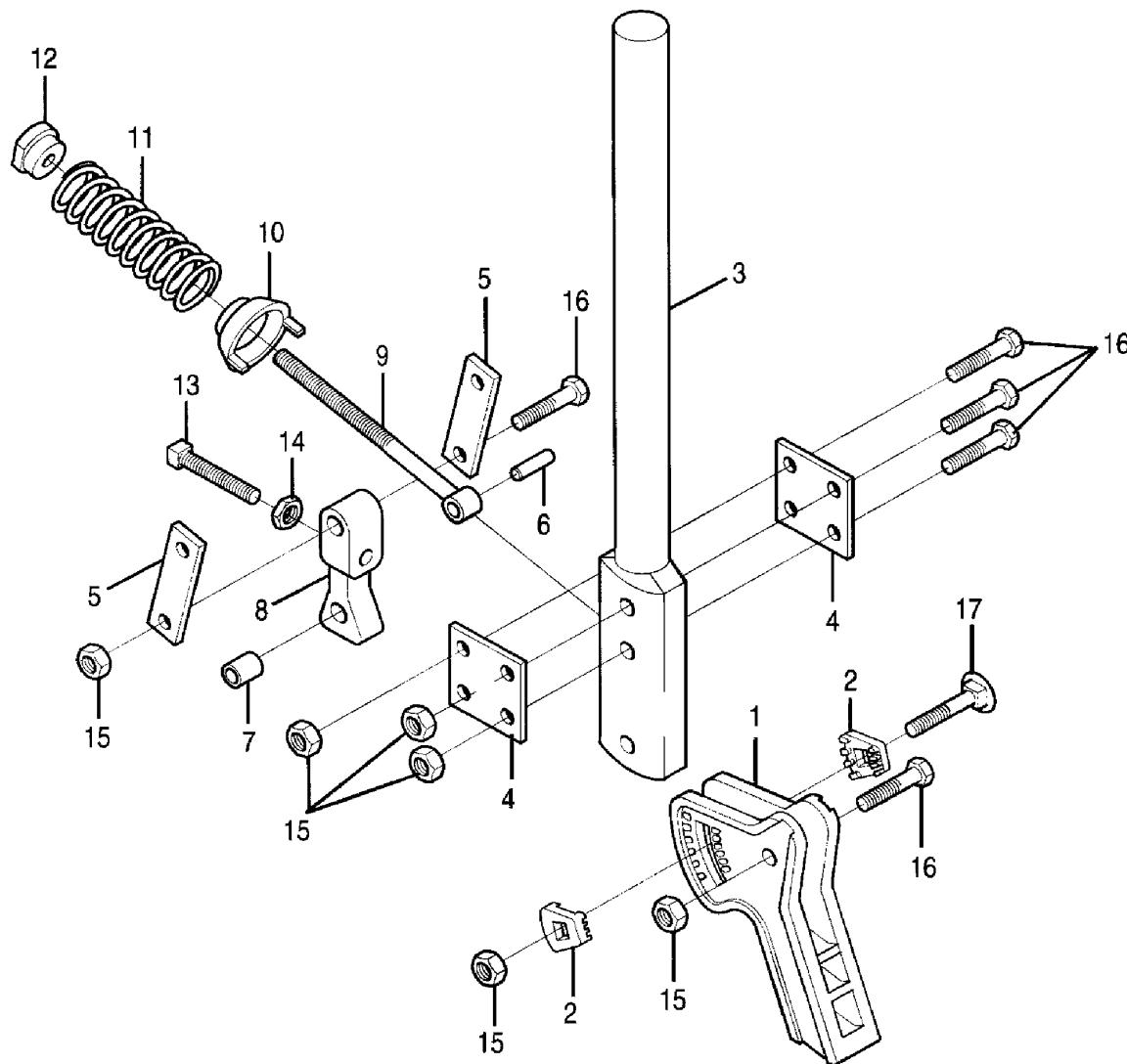
L50014689 Tool Bar Support Cable Attachment (7" x 7")  
For Model Years 1981 - Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L2008195	Chain Hook	1	10	L161072	Spring	1
2	L6406002	5/8" U - Bolt for 5 x 7 Bar	1	11	602-0807Z	1/2 x 1-3/4" Capscrew	1
	L6406012	5/8" U - Bolt for 7 x 7 Bar	1	12	615-0800Z	1/2" Lockwasher	2
3	L6408027	U - Bolt Clamp	1	13	615-1000Z	5/8" Lockwasher	3
4	L2050131	Cable	1	14	611-1001Z	5/8" Hex Nut	3
5	L2050132	Thimble	2	15	616-1000Z	5/8" Flatwasher	1
6	L2050018	Cable Clamp	4	16	602-1008Z	5/8 x 2" Capscrew	1
7	L6050035	Chain	1	17	611-0801Z	1/2" Hex Nut	1
8	L6050078	Hook	1	18	602-0609Z	3/8 x 2-1/4" Capscrew	1
9	L6007321	Chain Keeper	1	19	613-0601Z	3/8" Locknut	1



**L50015284    Trip Foot Assembly  
For Model Years 1981-1985  
Replaced by L50016332**

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50015301	Spring Rod	1	12	L50015286	Rivet 1/2 x 1-3/8"	1
2	L50015300	Spring	1	13	616-0600Z	Flatwasher 3/8"	2
3	L50015299	Spring Washer	1	14	614-0804Z	Slotted Nut	1
4	L50015298	Bracket	1	15	L50015290	Rivet 3/8 x 1-1/2"	1
5	L50015297	Rivet	2	16	L50015289	Rivet 7/16 x 1-1/2"	1
6	L50015296	Standard, Spring Trip	1	17	L50015288	Yoke	1
7	L50015295	Bushing	1	18	L50015287	Trunnion	1
8	L50015294	Slotted Shank	1	19	616-0800Z	Flatwasher 1/2"	1
9	L50015293	Strap	2	20	L15662	Cotter Pin 1/8" x 1"	1
10	616-0700Z	Flatwasher 7/16"	2	21	L50015285	Drilled Bolt	1
11	L50015292	Rivet 7/16 x 3/4"	2				



**L50016332 Trip Foot Assembly  
For Model Years 1985-Current  
Replaces Trip Foot Assembly  
P/N L50015284**

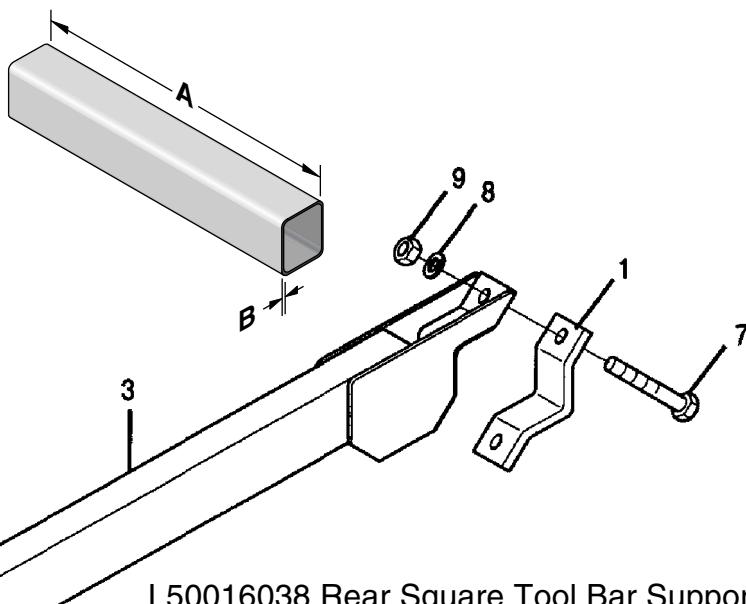
Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50016345	Adjustable Foot	1	10	L50016336	Stop Nut	1
2	L50016344	Ratchet Washer	2	11	L50016335	Spring	1
3	L50016343	Shank, 1-3/8 x 23"	1	12	L50016334	Spring Nut	1
4	L50016342	Side Plate	2	13	L50016333	Set Screw	1
5	L50016341	Brake Link Strap	2	14	614-0800Z	Jamnut 1/2"	1
6	L50016340	Spring Rod Pin	1	15	613-0701Z	Locknut 7/16"	6
7	L50016339	Brake Link Bushing	1	16	602-0708Z	Capscrew 7/16 x 2" Gr.5	5
8	L50016338	Brake Link	1	17	604-0710Z	Carriage Bolt 7/16 x 2-1/2"	1
9	L50016337	Threaded Rod	1				

## Rear 4x4" Tool Bars

Model Year 2001-Current

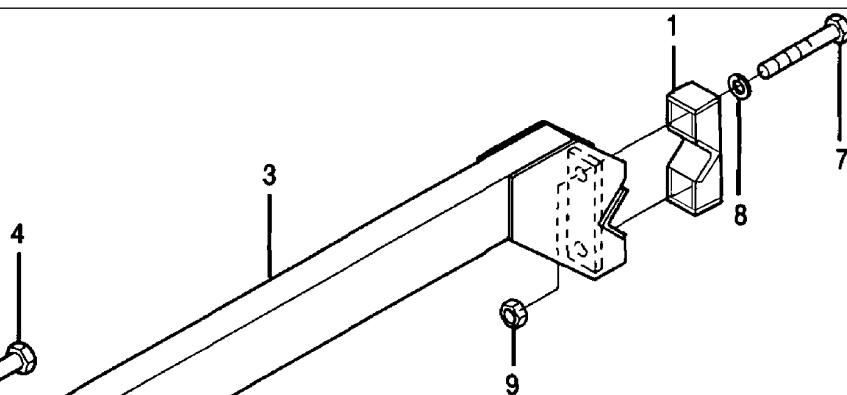
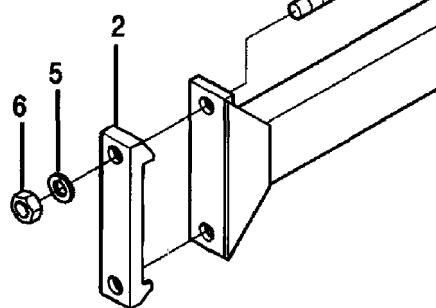
Part Number	Description	A= Length	B= Wall Thickness
-------------	-------------	-----------	-------------------

644-0904	Tube 4" x 4"	90"	1/4"
644-1204	Tube 4" x 4"	120"	1/4"
644-1514	Tube 4" x 4"	151"	1/4"
644-1744	Tube 4" x 4"	174"	1/4"
644-2004	Tube 4" x 4"	200"	1/4"
644-2484	Tube 4" x 4"	248"	1/4"
644-3304	Tube 4" x 4"	330"	1/4"
644-3306	Tube 4" x 4"	330"	3/8"

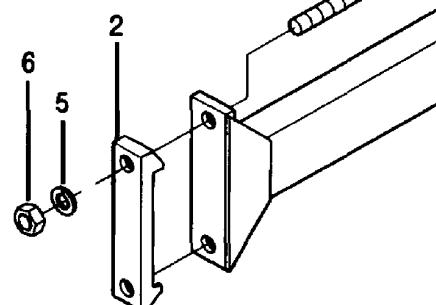


L50016038 Rear Square Tool Bar Support

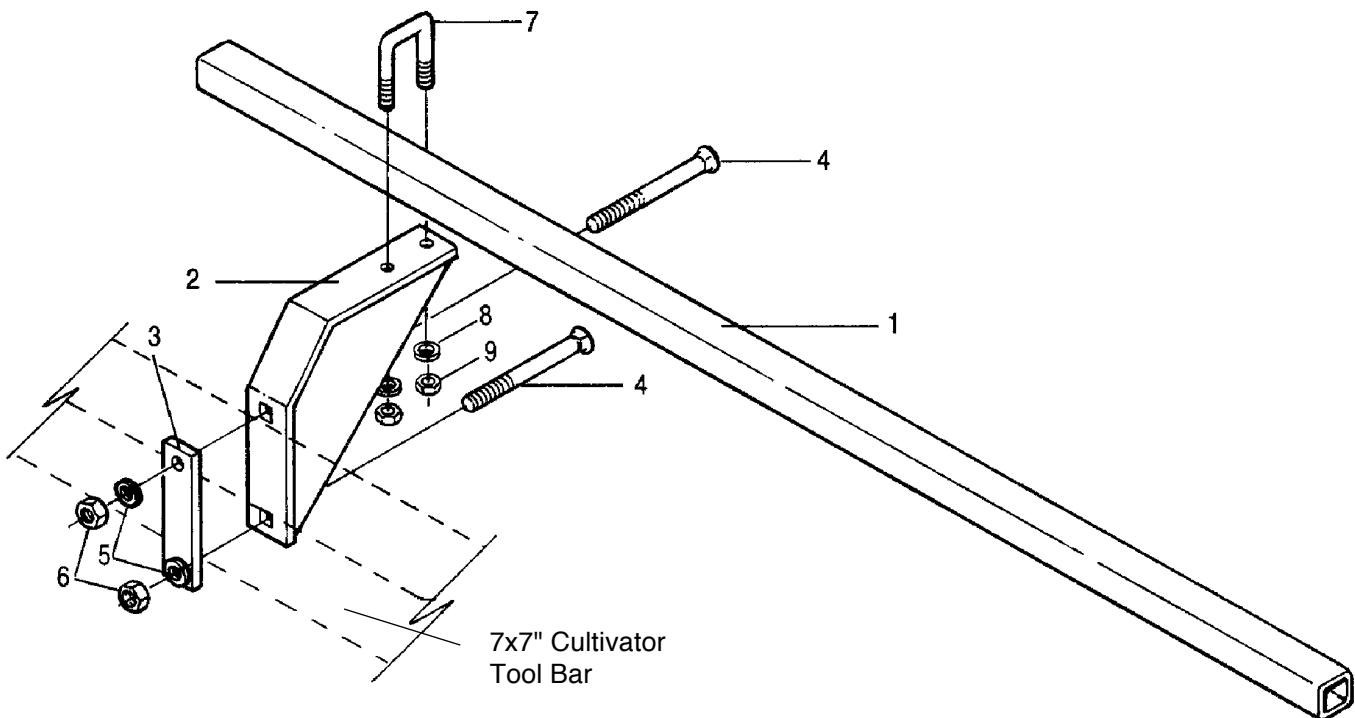
Ref #	Part Number	Description	Qty
1	L50016037	Clamp	1
2	628-308	Clamp	1
3	L50016035	Square Tool Bar Support	1
4	602-1438Z	Capscrew 7/8 x 9-1/2"	2
5	615-1400	Lockwasher 7/8"	2
6	611-1401Z	Hex Nut 7/8"	2
7	602-1216Z	Capscrew 3/4 x 4"	2
8	615-1200Z	Lockwasher 3/4"	2
9	611-1201Z	Hex Nut 3/4"	2



L6410017 Rear Diamond Tool Bar Support

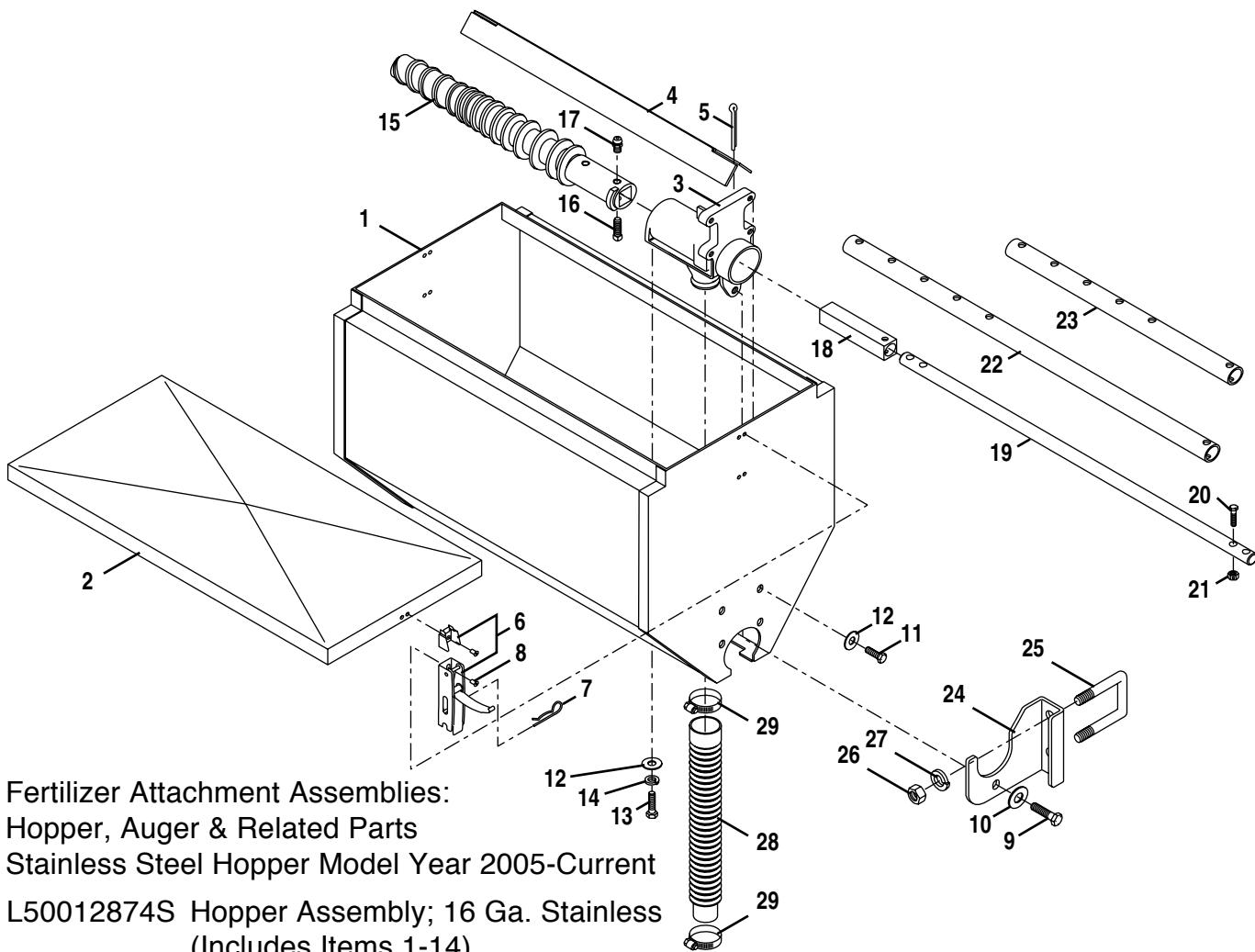


Ref #	Part Number	Description	Qty
1	628-312	Clamp Cap, 2-1/4 Diamond	1
2	628-308	Clamp Cap, 7" Bar	1
3	L50001315	Rear Diamond Support Wlmt.	1
4	602-1438Z	Capscrew, 7/8 x 9-1/2"	2
5	615-1400	Lockwasher 7/8"	2
6	611-1401Z	Hex Nut 7/8"	2
7	602-1226Z	Capscrew, 3/4 x 6-1/2"	2
8	615-1200Z	Lockwasher 3/4"	2
9	611-1201Z	Hex Nut 3/4"	2



**Tool Bar And Mounting Clamps For Fertilizer Attachment  
Model Years 1991- Current**

Ref #	Part Number	Description	Qty
1	L2004132	Tool Bar 2 1/2" Sq. x 96" Long, 2 Row	1
	L2004133	Tool Bar 2 1/2" Sq. x 186" Long, 4 Row	1
	L2004130	Tool Bar 2 1/2" Sq. x 240" Long, 6 Row	1
2	L50012804	Mount Bracket	A/R
3	L50000920	Clamp	A/R
4	604-1236Z	Carriage Bolt 3/4" x 9" Gr. 5	A/R
5	615-1200Z	Lockwasher 3/4"	A/R
6	611-1201Z	Hex Nut 3/4"	A/R
7	L69211	U - Bolt 5/8"	A/R
8	615-1000Z	Lockwasher 5/8"	A/R
9	611-1001Z	Hex Nut 5/8"	A/R



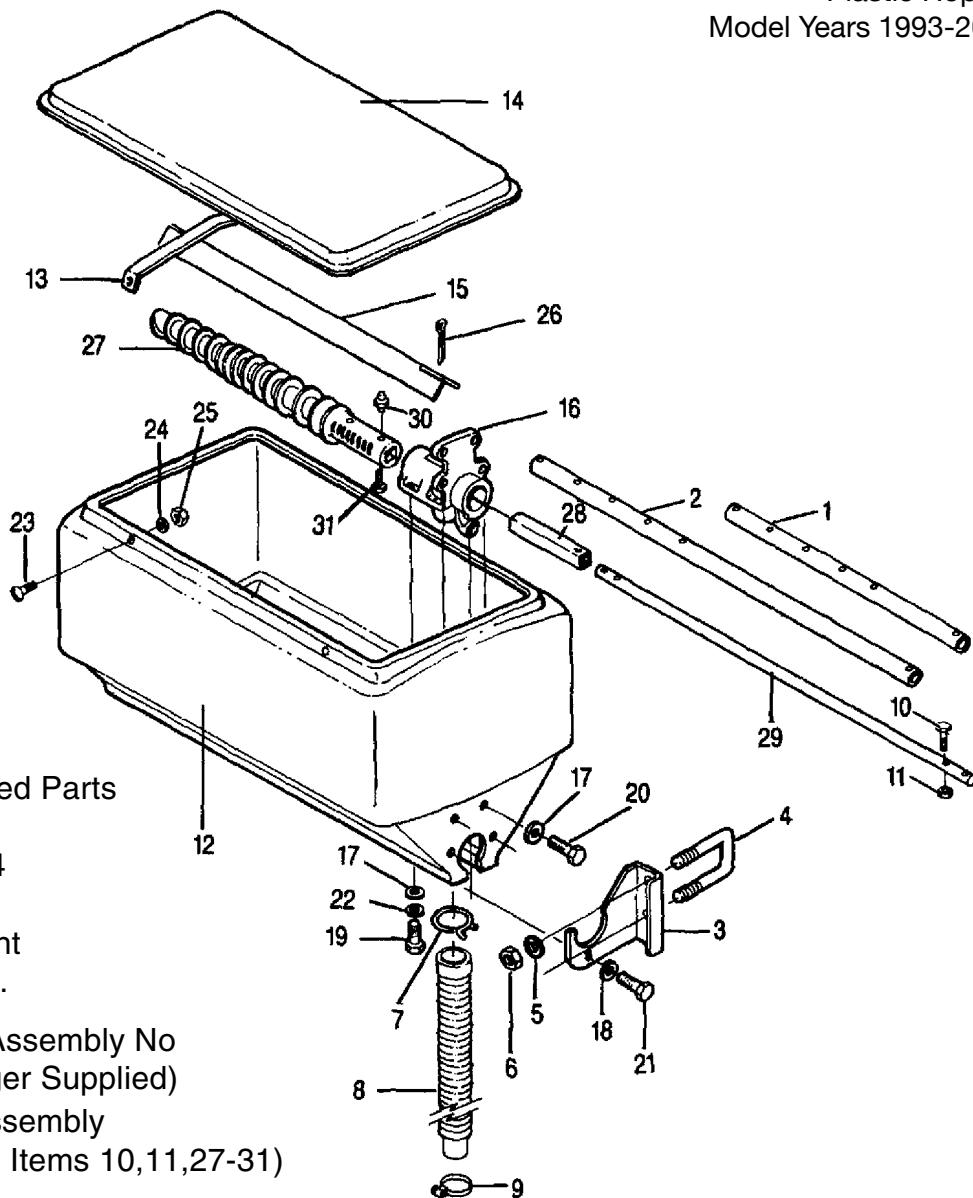
**Fertilizer Attachment Assemblies:  
Hopper, Auger & Related Parts  
Stainless Steel Hopper Model Year 2005-Current**

L50012874S Hopper Assembly; 16 Ga. Stainless  
(Includes Items 1-14)

L50012882 Auger Assembly  
(Includes Items 15-21)

Ref #	Part Number	Description	Qty
1	L50012898S	Hopper, 550 Lb. 16 Ga Stainless	1
2	L50012900S	Lid, Hopper 16 Ga. Stainless St.	1
3	L50012904	Spout	2
4	L50012901	Baffle	1
5	L21020614	Cotter Pin 3/16 x1-1/2"	2
6	301-355	Draw Hasp Assy. 4"	2
7	617-108	Hairpin, 3/16 x 2-1/2"	2
8	301-345	Rivet, Pop 3/16 x 1/8"	12
9	602-0804Z	Capscrew 1/2 x 1" Gr.5	2
10	616-0800Z	Flatwasher 1/2"	2
11	602-0603Z	Capscrew 3/8 x 3/4" Gr.5	8
12	616-0600Z	Flatwasher 3/8"	12
13	602-0604Z	Capscrew 3/8 x 1" Gr.5	4
14	615-0600Z	Lockwasher 3/8"	4

Ref #	Part Number	Description	Qty
15	L50012917	Auger R.H. (Shown)	1
	L50012918	Auger L.H. (Not Shown)	1
16	606-0603Z	Set Screw, Sq.Hd. 3/8 x 3/4"	2
17	L50012921	Grease Fitting 1/8"	2
18	L50012920	Tube, Auger	2
19	L50012919	Shaft, Hopper	1
20	602-0406Z	Capscrew 1/4 x 1-1/2" Gr.5	4
21	613-0401Z	Locknut 1/4"	4
22	L50012806	Long Connector Pipe	A/R
23	L50012805	Short Connector Pipe	A/R
24	L50012799	Tank Bracket L.H. (Not Shown)	1
	L50012800	Tank Bracket R.H. (Shown)	1
25	L69211	U-Bolt 5/8"	2
26	611-1001Z	Hex Nut 5/8"	4
27	611-1001Z	Lockwasher 5/8"	4
28	L50012894	Fertilizer Hose	2
29	L50012893	Hose Clamp	4

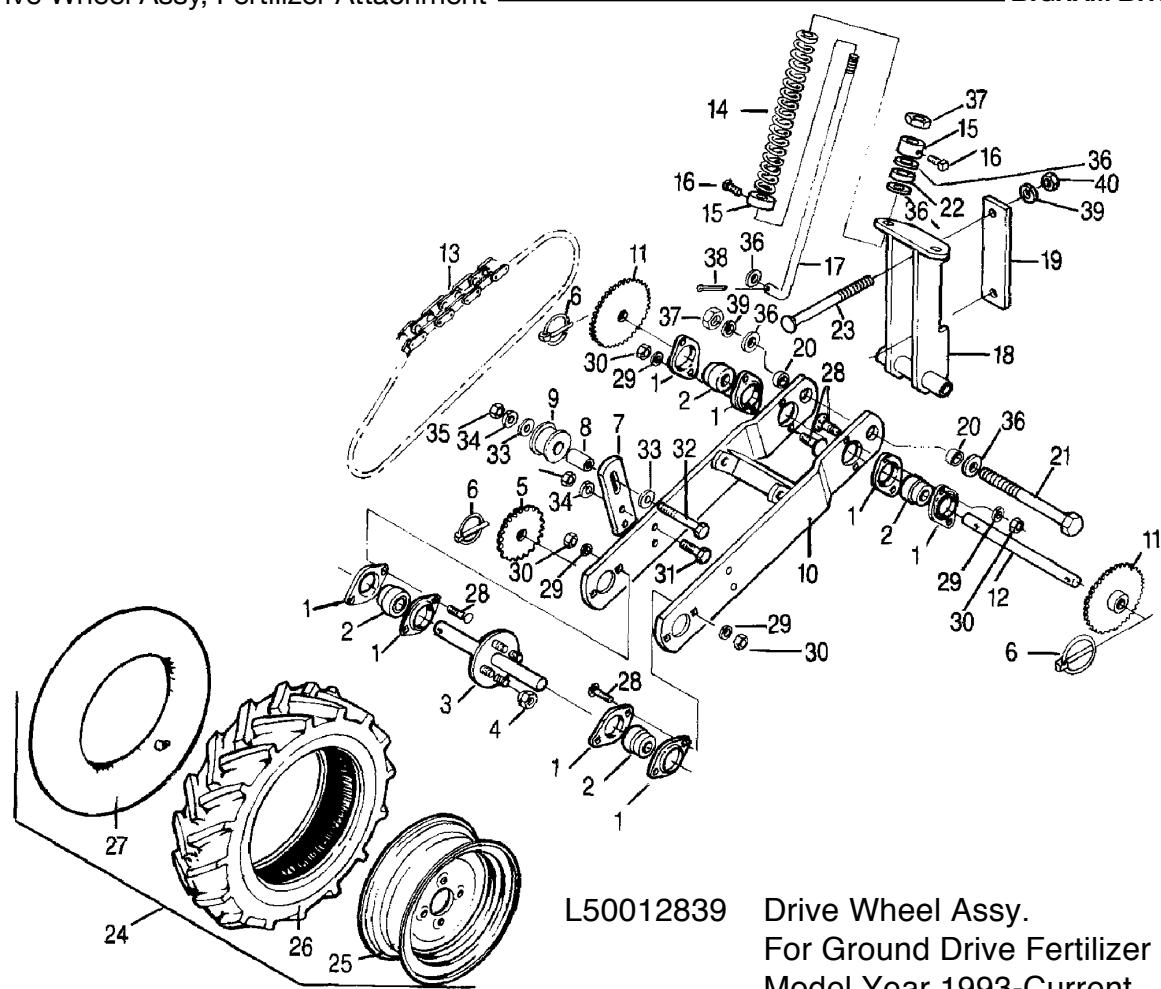

**Fertilizer Attachment**
**Assemblies:**
**Hopper, Auger & Related Parts**
**Plastic Hopper**
**Supplied Through 2004**
**No Longer Available.**

 See Page 59 for Current  
 Stainless Steel Hopper.

**L50012874    Hopper Assembly No  
 (No Longer Supplied)**
**L50012882    Auger Assembly  
 (Includes Items 10,11,27-31)**

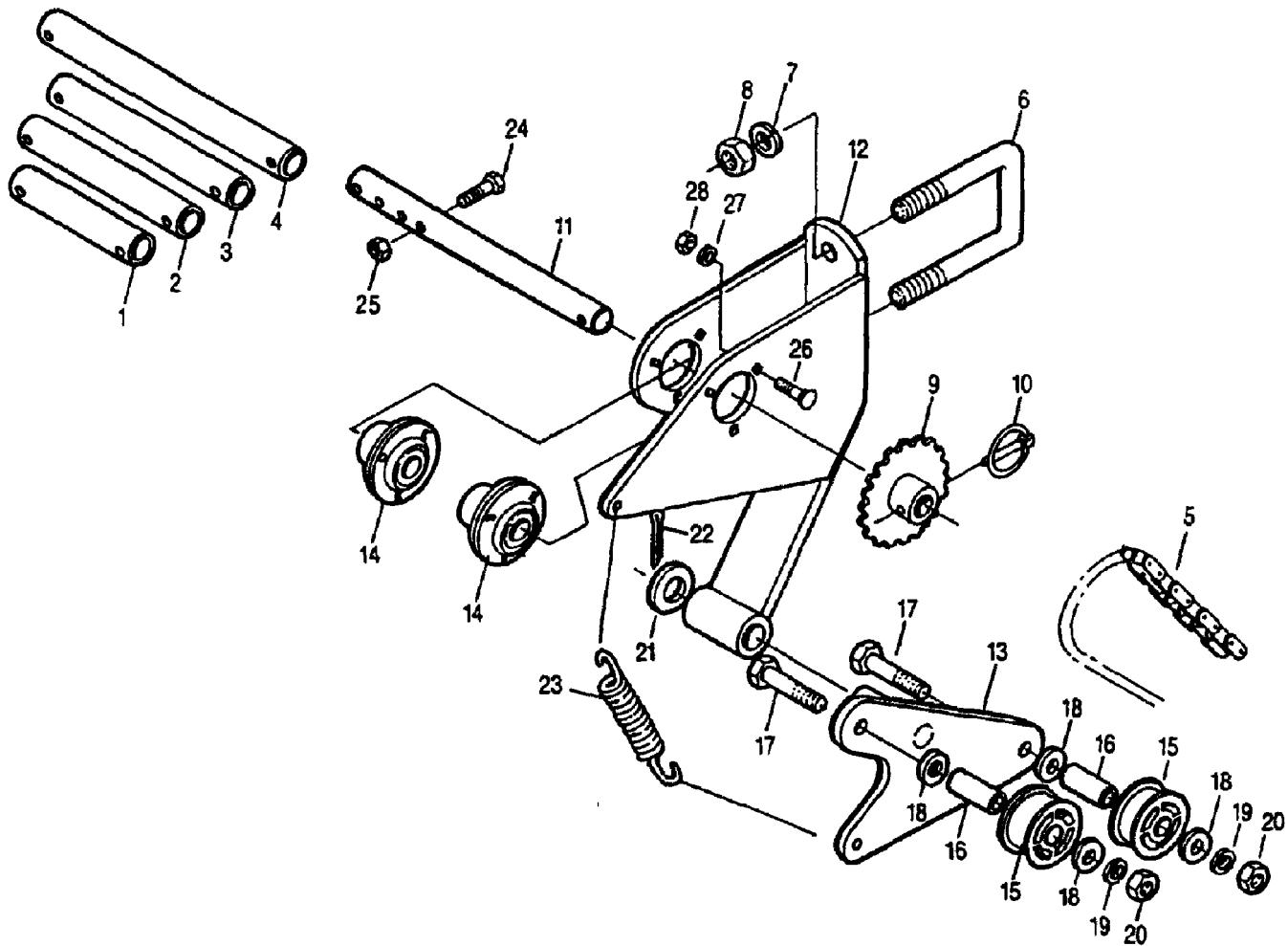
Ref #	Part Number	Description	Qty
1	L50012805	Short Connector Pipe	A/R
2	L50012806	Long Connector Pipe	A/R
3	L50012799	Tank Bracket L.H. (Not Shown)	1
	L50012800	Tank Bracket R.H. (Shown)	1
4	L69211	U-Bolt 5/8"	2
5	615-1000Z	Lockwasher 5/8"	4
6	611-1001Z	Hex Nut 5/8"	4
7	L50012892	Top Hose Clamp	2
8	L50012894	Fertilizer Hose	2
9	L50012893	Bottom Hose Clamp	2
10	602-0406Z	Capscrew 1/4 x 1-1/2" Gr. 5	4
11	613-0401Z	Locknut 1/4"	4
12	L50012898	Hopper - No Longer Supplied	1
13	L50012899	Brace	2
14	L50012900	Lid, Hopper	1
15	L50012901	Baffle	1
16	L50012904	Spout	2

Ref #	Part Number	Description	Qty
17	616-0600Z	Flatwasher 3/8"	12
18	616-0800Z	Flatwasher 1/2"	2
19	602-0604Z	Capscrew 3/8 x 1" Gr.5	4
20	602-0603Z	Capscrew 3/8 x 3/4" Gr.5	8
21	602-0804Z	Capscrew 1/2 x 1" Gr.5	2
22	615-0600Z	Lockwasher 3/8"	4
23	605-0503Z	Machine Screw 5/16 x 3/4"	4
24	615-0500Z	Lockwasher 5/16"	4
25	611-0501Z	Hex Nut 5/16"	4
26	L21020614	Cotter Pin 3/16 x 1-1/2"	2
27	L50012917	Auger R.H. (Shown)	1
	L50012918	Auger L.H. (Not Shown)	1
28	L50012920	Tube, Auger	2
29	L50012919	Shaft, Hopper	1
30	L50012921	Grease Fitting	2
31	606-0603Z	Set Screw 3/8 x 3/4"	2



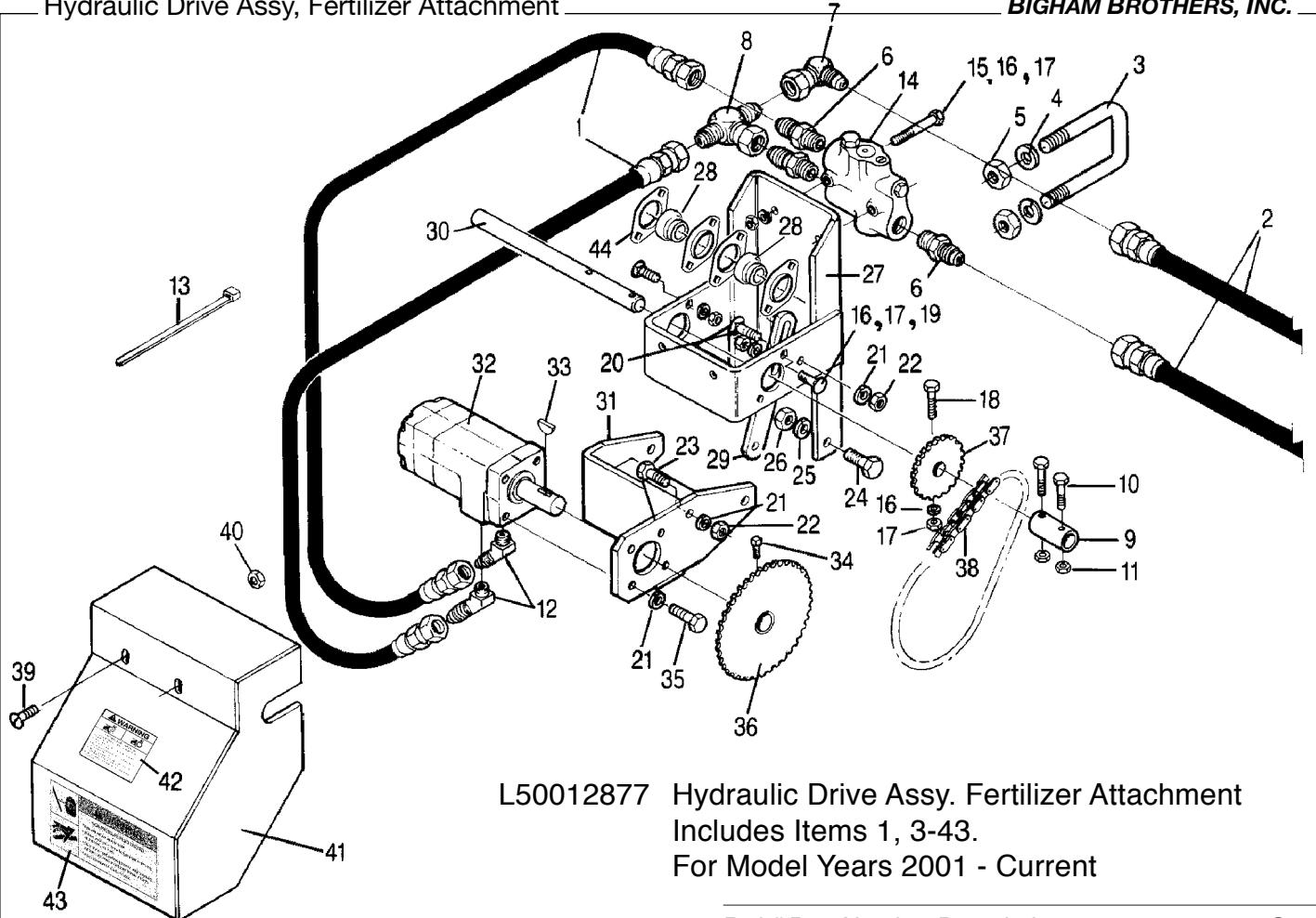
L50012839 Drive Wheel Assy.  
For Ground Drive Fertilizer Attachment  
Model Year 1993-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L1461103	Bearing Retainer	8	19	L50000920	Mount Strap	1
2	L50001943	Bearing & Collar Assy.	4	20	L2004021	Bushing	2
3	L50012830	Axle Assy.	1	21	602-1036Z	Capscrew 5/8 x 9" Gr.5	1
4	L15515	Lug Nut 1/2" UNF	4	22	L2050008	Spring Buffer	2
5	L50012808	Sprocket 30 Teeth #40	1	23	604-1236Z	Carriage Bolt 3/4 x 9" Gr.5	4
	L50012807	Sprocket 20 Teeth #40	1	24	L50012843	Wheel & Tire Assy.	1
6	L50012885	Quick Pin	3	25	L50012923	Wheel	1
7	L50002323	Idler Bracket	1	26	L50012924	Tire	1
8	L46614444	Idler Bushing	1	27	L50014632	Tube 5.30/6/12	1
9	L46614445	Idler Roller	1	28	604-0504Z	Carriage Bolt 5/16 x 1"	8
10	L50012818	Wheel Arm Assy.	1	29	615-0500Z	Lockwasher 5/16"	8
11	L50012809	Sprocket 40 Teeth #40	2	30	611-0501Z	Hex Nut 5/16"	8
	L50015303	Sprocket 60 Teeth #40	1	31	602-0605Z	Capscrew 3/8 x 1-1/4" Gr.5	2
12	L50012835	Jackshaft	1	32	602-0609Z	Capscrew 3/8 x 2-1/4" Gr.5	1
13	L50012845	Chain W/ Connector Link	1	33	616-0600Z	Flatwasher 3/8"	3
	L50012931	Chain Assy. #2040	1	34	615-0600Z	Lockwasher 3/8"	3
	L50012846	Offset Link	1	35	611-0601Z	Hex Nut 3/8"	3
	L50012847	Connector Link	1	36	616-1000Z	Flatwasher 5/8"	8
14	L2050022	Coulter Spring	2	37	613-1001Z	Locknut 5/8"	3
15	L2050065	Adjusting Collar	2	38	L15662	Cotter Pin 1/8 x 1"	2
16	606-0803Z	Setscrew, Sq. Hd. 1/2 x 3/4"	4	39	615-1000Z	Lockwasher 5/8"	3
17	L2006006	Pressure Rod	2	40	611-1001Z	Hex Nut	2
18	L50012821	Mount Weld.	1				



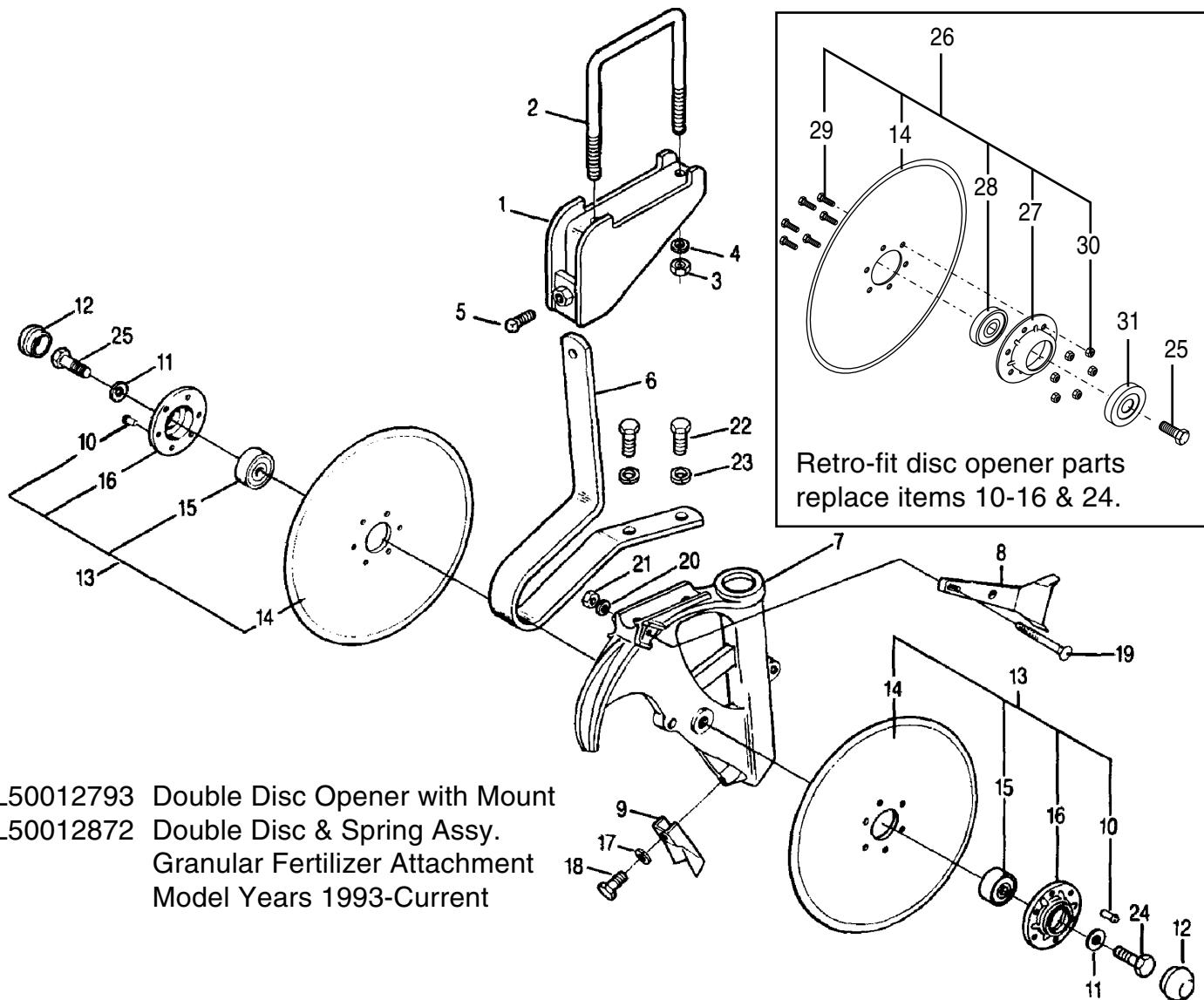
L50012849 Ground Drive Bracket & Related Parts  
 L50012848 Hardware Kit

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L50012837	Shaft Connector 30" & 32" Row	1	14	L50005853	Bearing (No longer supplied)	2
2	L50012838	Shaft Connector 34" & 38" Row	1	15	L46614445	Chain Roller	2
3	L50012896	Shaft Connector 36" & 40" Row	1	16	L46614444	Roller Bushing	2
4	L50012897	Shaft Conn. 42", 44", 46" & 48" Row	1	17	602-0609Z	Capscrew 3/8 x 2" Gr. 5	2
5	L50012844	Chain Assy. 66 Pitch w/Connectors	1	18	616-0600Z	Flatwasher 3/8"	4
	L50012930	Chain 63P	1	19	615-0600Z	Lockwasher 3/8"	2
	L50012847	Connector Link	1	20	611-0601Z	Hex Nut 3/8"	2
	L50012846	Offset Link	2	21	616-1005Z	Flatwasher 5/8"	1
6	L69211	U - Bolt 5/8"	1	22	L15662	Cotter Pin 1/8 x 1"	1
7	615-1000Z	Lockwasher 5/8"	2	23	L84738	Extension Spring	1
8	611-1001Z	Hex Nut 5/8"	2	24	602-0406Z	Capscrew 1/4 x 1-1/2" Gr. 5	1
9	L50012807	Sprocket 20 Tooth	1	25	613-0401Z	Locknut 1/4"	1
10	L50012885	Quick Pin	1	26	604-0403Z	Carriage Bolt 1/4 x 3/4" Gr. 5	6
11	L50012834	Driveshaft	1	27	615-0400Z	Lockwasher 1/4"	6
12	L50012814	Mount Weld.	1	28	611-0401Z	Hex Nut 1/4"	6
13	L50012826	Idler Arm	1				



L50012877 Hydraulic Drive Assy. Fertilizer Attachment  
Includes Items 1, 3-43.  
For Model Years 2001 - Current

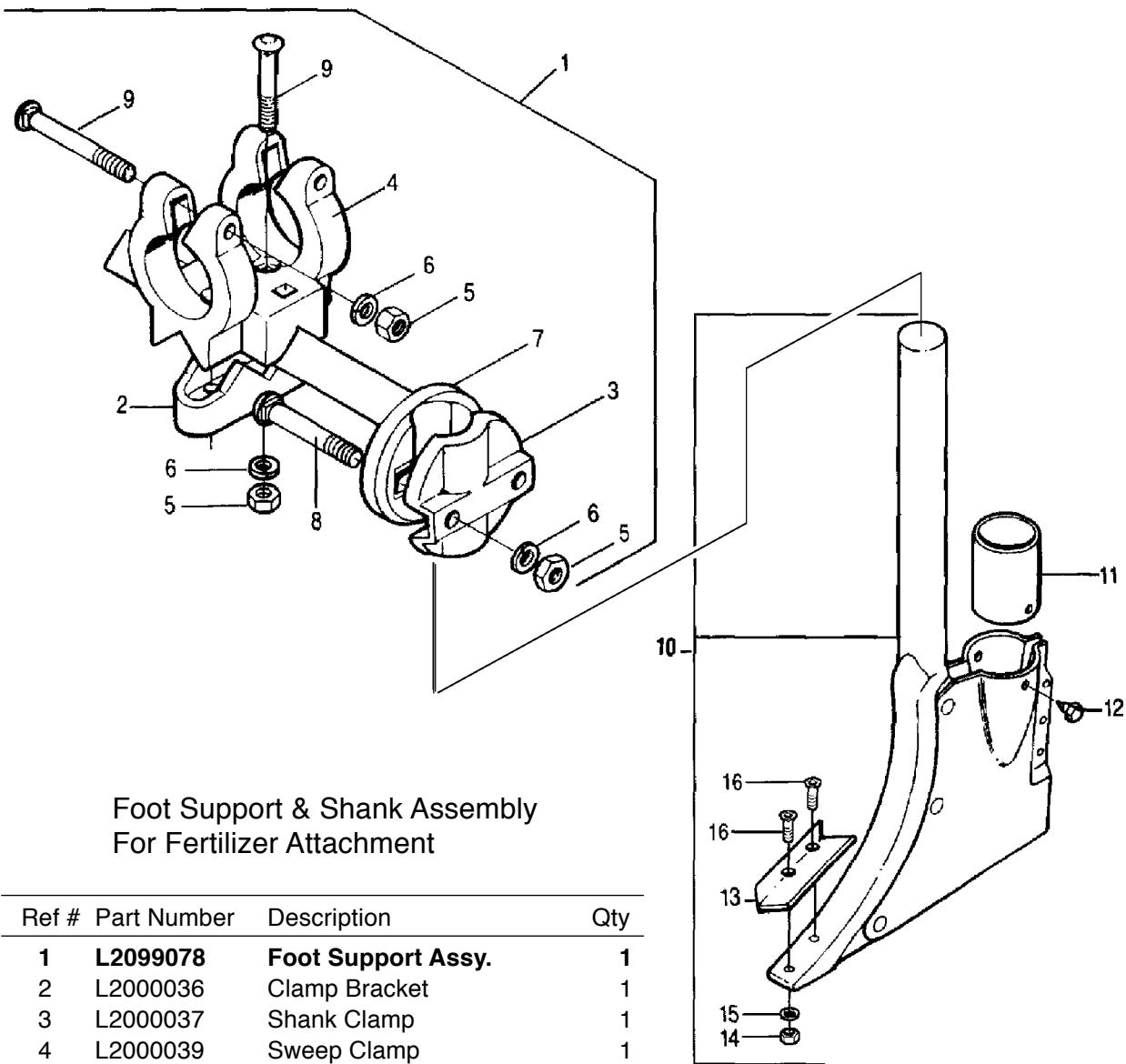
Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L25H40575	Hose, #6/1 8FJX-8FJX x 42"	2	23	602-0604Z	Capscrew 3/8 x 1" Gr. 5	1
2	L2050152	Hose, #8/1 8MP-8FJX x 72" 2 Row	2	24	602-0805Z	Capscrew 1/2 x 1-1/4" Gr. 5	2
	L6450012	Hose, #8/1 8MP-8FJX x 100" 4 Row	2	25	615-0800Z	Lockwasher 1/2"	2
	L50005188	Hose, #8/1 8MP-8FJX x 140" 6 Row	2	26	611-0801Z	Hex Nut 1/2"	2
3	L69211	U - Bolt 5/8"	2	27	L50012858	Bracket Weld.	1
4	615-1000Z	Lockwasher 5/8"	4	28	622-095	Bearing	2
5	611-1001Z	Hex Nut 5/8"	4	29	L50012854	Link	1
6	L2050150	Adaptor 8MP-8FJX	3	30	L50012853	Driveshaft	1
7	L25H40576	Elbow 90° JIC Male to Female	1	31	L50012862	Motor Mount	1
8	L2050151	Tee - JIC Female to Male, Male	1	32	619-028	Hydraulic Motor	1
9	L50012836	Connector	1	33	626-012	Woodruff Key 1/4 x 1"	1
10	602-0406Z	Capcrew 1/4" x 1-1/2" Gr. 5	2	34	607-0400	Setscrew 1/4 x 1/4" Gr. 5	1
11	611-0401Z	Locknut 1/4"	2	35	601-0604Z	Capscrew 3/8 x 1"	4
12	L7650010	Elbow 45° x 1/2" NPT x 1/2" JIC	2	36	L50012852	Sprocket # 40 - 40 Teeth	1
13	L50007304	Tie	3	37	L50012807	Sprocket #40 - 20 Teeth	1
14	L50014793	Valve	1	38	L50012863	Chain Assy.	1
15	602-0410Z	Capscrew 1/4 x 2-1/2" Gr. 5	2	L50012929	Chain #40 - 27 Pitch	1	
16	615-0500Z	Lockwasher 5/16"	4	L50012846	Offset Link #40	2	
17	611-0501Z	Hex Nut 5/16"	4	L50012847	Connector Link #40	1	
18	602-0407Z	Capscrew 1/4 x 1-3/4" Gr. 5	1	39	605-0503Z	Truss Hd. Screw 5/16 x 3/4"	2
19	604-0503Z	Carriage Bolt 5/16 x 3/4" Gr. 5	4	40	614-0501Z	Flange Hex Nut 5/16"	2
20	604-0604Z	Carriage Bolt 3/8 x 1" Gr. 5	1	41	L50012888	Shield w/Decals	1
21	615-0600Z	Lockwasher 3/8"	6	42	399-048	Warning Decal, Moving Part	1
22	611-0601Z	Hex Nut 3/8"	2	43	399-044	Warning Decal, Hyd. Fluid	1
				44	622-103	Flangett, 47mm	2



L50012793 Double Disc Opener with Mount  
 L50012872 Double Disc & Spring Assy.  
 Granular Fertilizer Attachment  
 Model Years 1993-Current

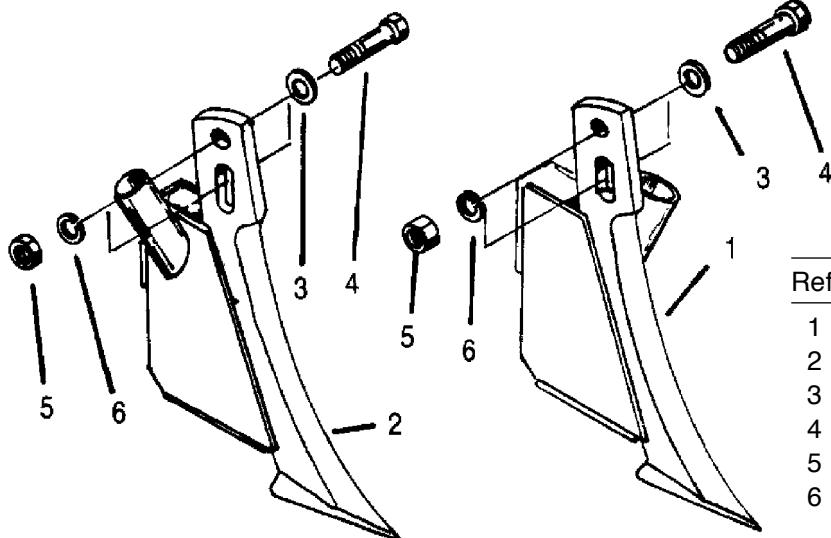
Ref #	Part Number	Description	Qty
1	L50012871	Bracket	1
2	L6406012	U - Bolt 5/8"	1
3	611-1001Z	Hex Nut 5/8"	2
4	615-1000Z	Lockwasher 5/8"	2
5	606-1006Z	Sq. Hd. Setscrew 5/8x1-1/2"	1
6	L50012905	Spring Shank	1
7	L50012906	Opener	1
8	L50012907	Scraper - Outer	2
9	L50012908	Scraper - Inner	1
10	L50012909	Rivet	12
11	L50012910	Washer	2
12	-----	Hub Cap- Not Supplied	2
13	-----	Disc Assy.- Not Supplied	2
14	630-014	Disc	2
15	L50012915	Bearing	2

Ref #	Part Number	Description	Qty
16	L50012916	Hub - Disc	2
17	616-0600Z	Flatwasher 3/8"	1
18	602-0603Z	Capscrew 3/8 x 3/4" Gr. 5	1
19	604-0415Z	Carriage Bolt 1/4 x 3-3/4" Gr. 5	1
20	616-0400Z	Flatwasher 1/4"	1
21	613-0402Z	Locknut 1/4"	1
22	602-1007Z	Capscrew 5/8 x 1-3/4" Gr. 5	2
23	615-1000Z	Lockwasher 5/8"	2
24	602-1005L	Capscrew 5/8 x 1-1/4" L.H. Thrd.	1
25	602-1005R	Capscrew 5/8 x 1-1/4" R.H. Thrd.	1
26	712-505	Disc Assembly	2
27	627-801	Hub - Disc	2
28	622-075	Bearing	2
29	605-0512Z	Screw,HCS 5x12mm (GR8.8)	12
30	613-0501Z	Nut, Hex Nylock ZP 5mm	12



**Foot Support & Shank Assembly  
For Fertilizer Attachment**

Ref #	Part Number	Description	Qty
<b>1</b>	<b>L2099078</b>	<b>Foot Support Assy.</b>	<b>1</b>
2	L2000036	Clamp Bracket	1
3	L2000037	Shank Clamp	1
4	L2000039	Sweep Clamp	1
5	611-0801Z	Hex Nut 1/2"	6
6	615-0800Z	Lockwasher 1/2"	6
7	L2000038	Shank Bracket	1
8	604-0812Z	Carriage Bolt, 1/2 x 3" Gr.5	2
9	604-0816Z	Carriage Bolt, 1/2 x 4" Gr.5	4
<b>10</b>	<b>L50012794</b>	<b>Shank Assy.</b>	<b>1</b>
11	L50012881	Collar	1
12	L44039	Self Tapping Screw, 1/4 x 1/2"	1
13	L50012933	Point	2
14	611-0401Z	Hex Nut 1/4"	2
15	615-0400Z	Lockwasher 1/4"	2
16	L44500	Hex Sckt. Screw, 1/4 x 1-1/4"	2

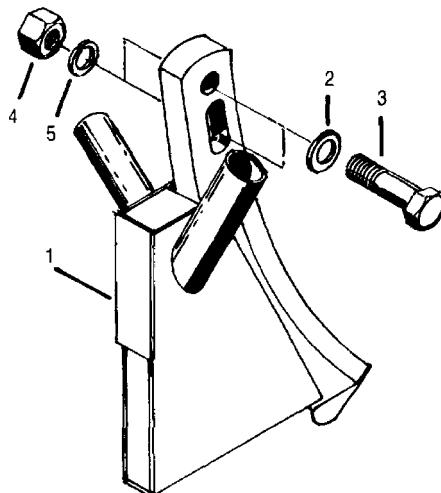


L50001933 Injector Knives For  
Fertilizer Attachment  
Includes Items 1-6.  
For Model Years  
1991- Current

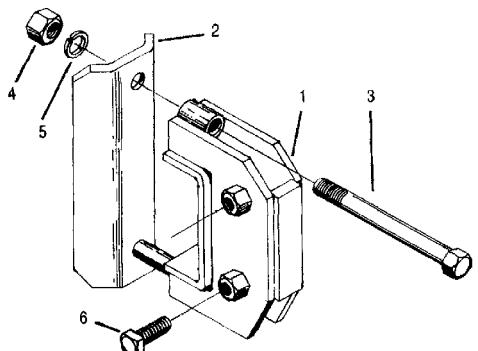
Ref #	Part Number	Description	Qty
1	L50001217	Left Injector Knife	1
2	L50001232	Right Injector Knife	1
3	616-0800Z	Flatwasher 1/2"	4
4	602-0809Z	Capscrew 1/2 x 2-1/4" Gr. 5	4
5	611-0801Z	Hex Nut 1/2"	4
6	615-0800Z	Lockwasher 1/2"	4

L50001934 Dual Opening Knife  
For Fertilizer Attachment

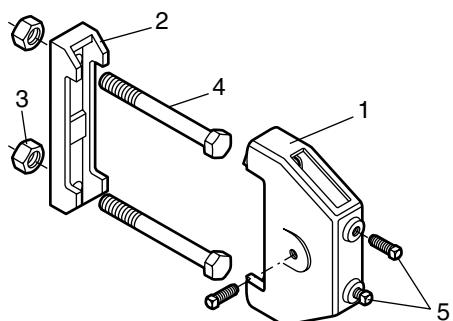
Ref #	Part Number	Description	Qty
1	L50001946	Dual Injector Knife	1
2	616-0800Z	Flatwasher 1/2"	2
3	602-0809Z	Capscrew 1/2 x 2-1/4" Gr. 5	2
4	611-0801Z	Hex Nut 1/2"	2
5	615-0800Z	Lockwasher 1/2"	2



L6499031 7" x 7" Bracket For Fertilizer Attachment  
For Model Year 1993-1985



Ref #	Part Number	Description	Qty
1	L6408026	Shank Clamp	1
2	611-1201Z	Hex Nut 3/4"	2
3	615-1200Z	Lockwasher 3/4"	2
4	L6403045	Clamp	1
5	606-1006Z	Setscrew 5/8 x 1-1/2"	3
6	602-1238Z	Capscrew 3/4 x 9-1/2" Gr. 5	2



806-773 Tool Bar Clamp  
For Model Years 2002-Current

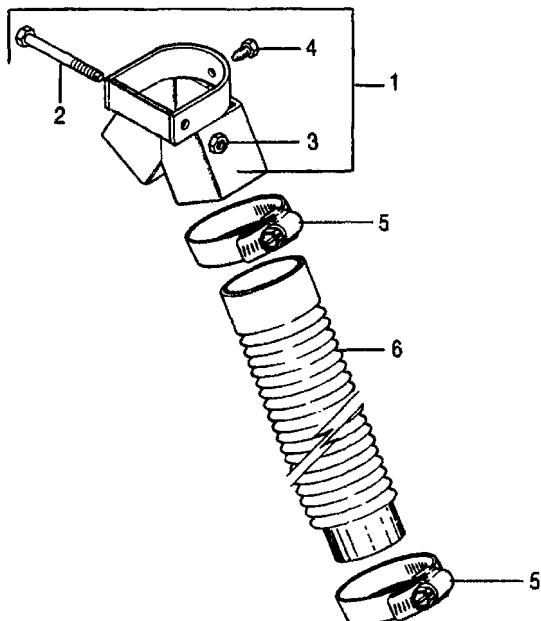
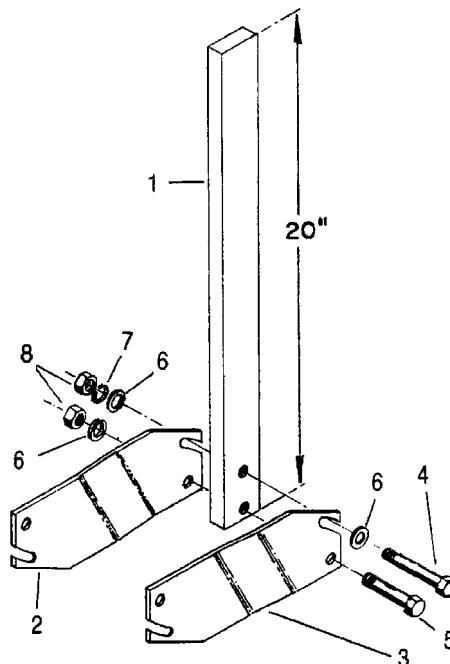
Ref #	Part Number	Description	Qty
1	628-800	Clamp Body, 7x7	1
2	628-308	Cap, 7" Cast (7/8" Bolt)	1
3	611-1401Z	7/8" Hex Nut	2
4	609-1436Z	Bolt, HMB 7/8 x 9"	2
5	606-1006Z	5/8" Sq. Hd Setscrew	3

Knife Shank (Long) Fertilizer Attachment  
 "Y" Divider & Hoses,Fertilizer Attachment  
 Spout Holder,Fertilizer Attachment

**BIGHAM BROTHERS, INC.**

**L50001947 Long Knife Shank  
 Fertilizer Attachment  
 For Model Years 1991-Current**

Ref #	Part Number	Description	Qty
1	L50001940	Shank	1
2	L50001930	Shank Side LH	1
3	L50001931	Shank Side RH	1
4	602-0811Z	Capscrew 1/2 x 2-3/4" Gr. 5	1
5	602-0810Z	Capscrew 1/2 x 2-1/2" Gr. 5	1
6	L2050009	Flatwasher H.T.1/2"	2
7	615-0800Z	Lockwasher 1/2"	2
8	611-0801Z	Hex Nut 1/2"	2



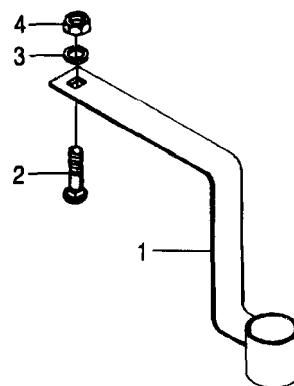
**L50012795 "Y" Divider & Hoses (Pair)  
 Fertilizer Attachment**

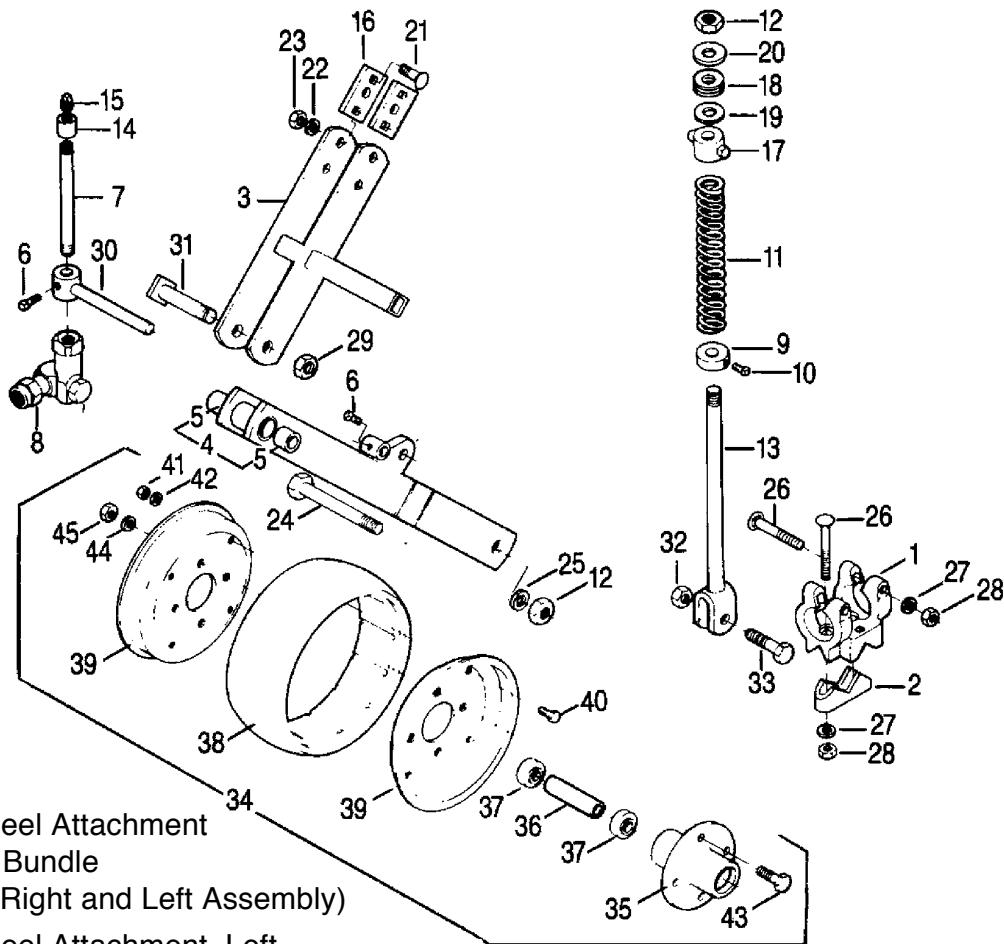
Ref #	Part Number	Description	Qty
1	L50012891	Divider Assembly	2
2	602-0412Z	Capscrew 1/4 x 3" Gr.5	-
3	611-0401Z	Hex Nut 1/4"	-
4	L44039	Self Tap Screw 1/4 x 1/2"	-
5	L50012893	Adjustable Hose Clamp	6
6	L50012894	Fertilizer Hose	2*

\*NOTE: Two hoses are included with the "Y" Divider kit to complement two hoses included with L50012884 hopper mount hardware kit. Order additional hoses for retrofit application as required.

**L50001171 Spout Holder Assy.  
 For Fertilizer Attachment  
 Model Years 1990-Current**

Ref #	Part Number	Description	Qty
1	L50001170	Spout Holder	1
2	604-0805Z	Carriage Bolt 1/2 x 1-1/4" Gr. 5	1
3	615-0800Z	Lockwasher 1/2"	1
4	611-0801Z	Hex Nut 1/2"	1





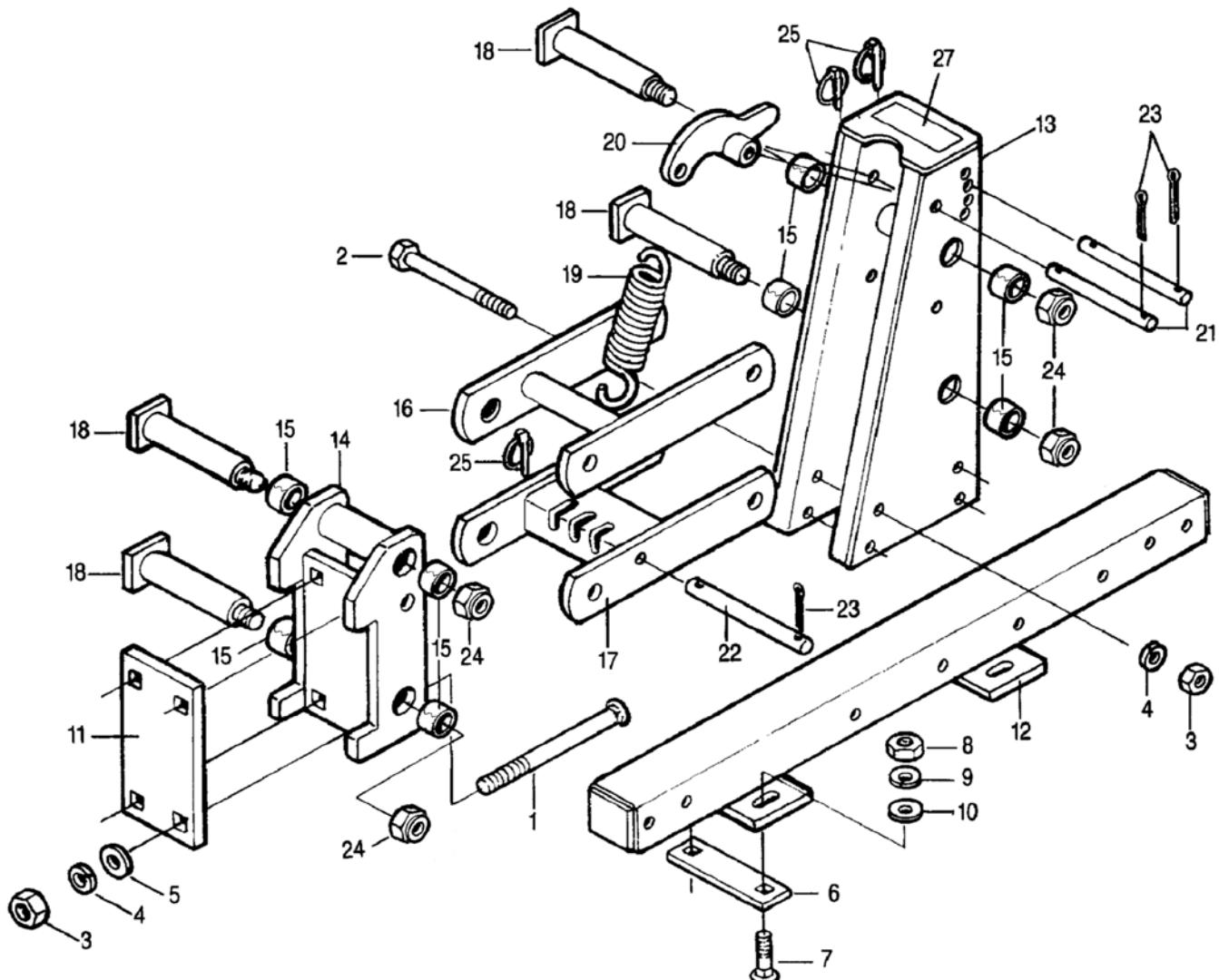
L50015205 Spray Wheel Attachment  
One Row Bundle  
(Includes Right and Left Assembly)

L50015178 Spray Wheel Attachment, Left

L50015179 Spray Wheel Attachment, Right

For Model Year 1993-Current

Ref #	Part Number	Description	Qty	Ref #	Part Number	Description	Qty
1	L2000039	Sweep Clamp	1	23	611-0601Z	Hex Nut 3/8"	4
2	L2000036	Bracket Clamp	1	24	602-1026Z	Capscrew 5/8 x 6-1/2" Gr. 5	1
3	L50015417	Wheel Mount	1	25	615-1000Z	Lockwasher 5/8"	1
4	L50015188	Wheel Arm w/Bushing R.H.	1	26	604-0816Z	Carriage Bolt 1/2 x 4" Gr. 5	4
5	L50015189	Wheel Arm w/Bushing L.H.	1	27	615-0800Z	Lockwasher 1/2"	4
5	L50015187	Seal Bushings	2	28	611-0801Z	Hex Nut 1/2"	4
6	606-0604Z	Setscrew 3/8 x 1"	2	29	613-1003Z	Locknut 5/8"	1
7	L50015203	Pipe Nipple 1/4 x 8"	1	30	L50015197	Rod & Lock Collar Weld.	1
8	L50015202	Spray Nozzle - Tee Jet	1	31	L50015182	Pin Weld.	1
9	L2050065	Adjusting Collar	1	32	613-0801Z	Locknut 1/2"	1
10	606-0803Z	Setscrew 1/2 x 3/4"	1	33	602-0806Z	Capscrew 1/2 x 1-1/2" Gr. 5	1
11	L1450051	Front Pressure Spring	1	34	L50015201	Wheel and Hub Assy.	1
12	611-1001Z	Hex Nut 5/8"	2	35	L50002192	Hub	1
13	L50015200	Tension Rod Weld.	1	36	L50002191	Spacer	1
14	L50015199	Coupler 1/4"	1	37	L2050006	Bearing	1
15	L50015198	Plug 1/4"	1	38	L6661001	Tire	1
16	L2003018	Trunion Bracket	2	39	L50002193	Rim Half	2
17	L1400036	Trunion	1	40	602-0503Z	Capscrew 5/16 x 3/4"	4
18	L2050008	Spring Buffer	1	41	611-0501Z	Hex Nut 5/16"	4
19	L1050018	Washer	1	42	615-0500Z	Lockwasher 5/16"	4
20	616-1000Z	Flatwasher 5/8"	1	43	602-0805Z	Capscrew 1/2 x 1-1/4"	4
21	604-0605Z	Carriage Bolt 3/8 x 1-1/4" Gr. 5	4	44	615-0800Z	Lockwasher 1/2"	4
22	615-0600Z	Lockwasher 3/8"	4	45	611-0801Z	Hex Nut 1/2"	4



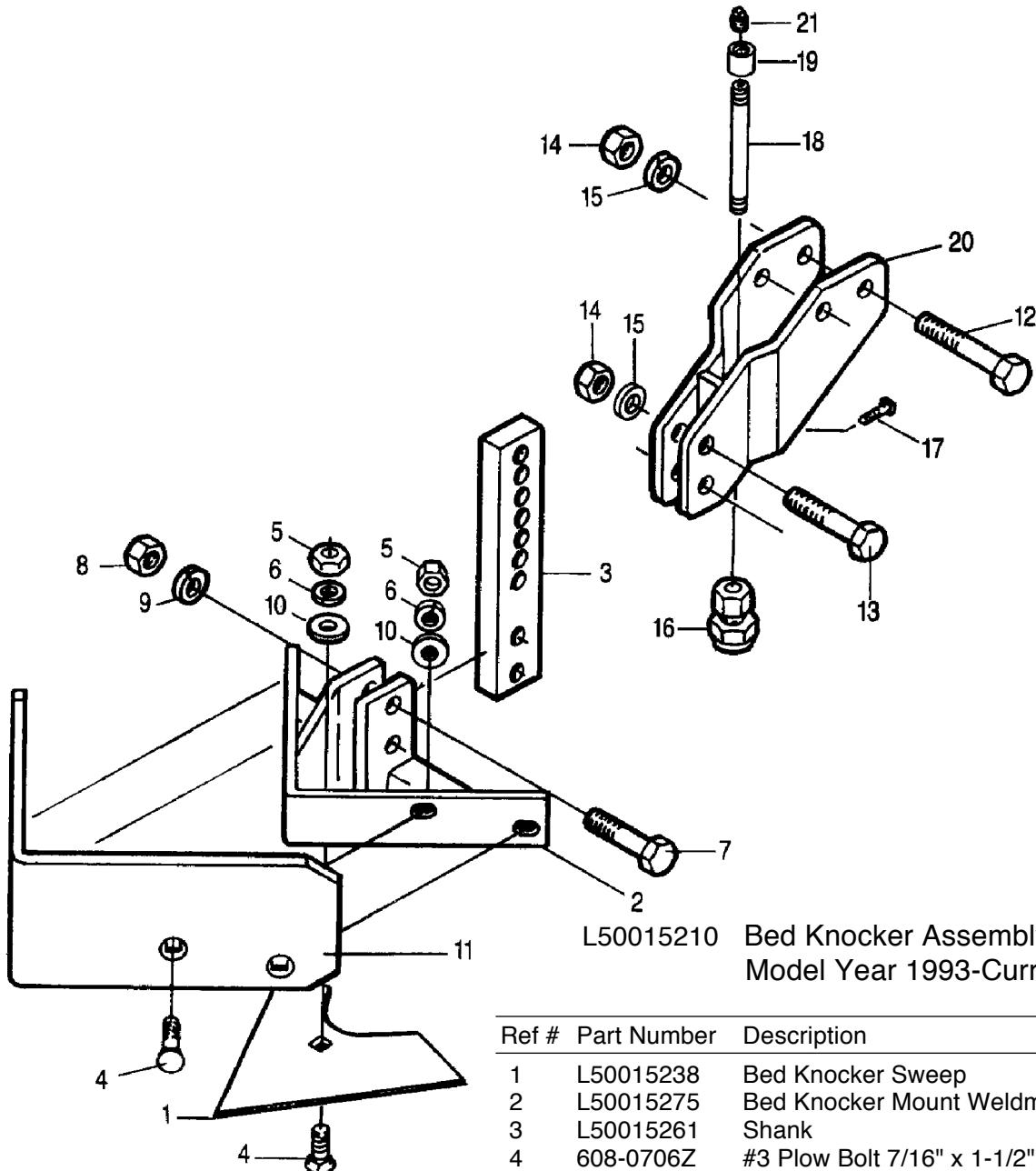
L50015274 Row Topper Support  
Includes items 13-27

L50015282 Hardware Kit  
Includes items 1-11

L50015208 Row Topper Support Assy.  
For Model Years 1993-Current

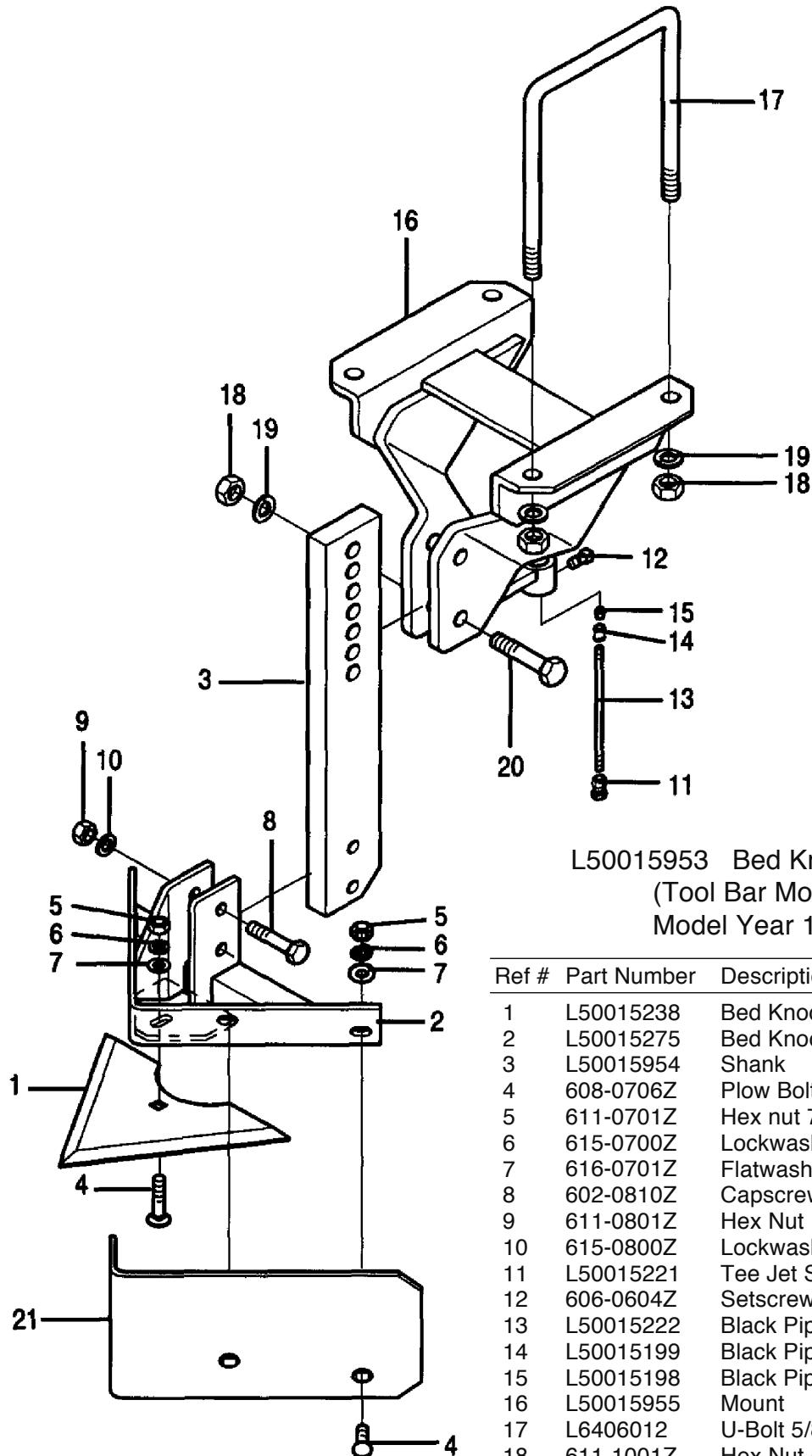
Ref #	Part Number	Description	Qty
1	604-1036Z	Carriage Bolt 5/8 x 9" Gr. 5	4
2	602-1028Z	Capscrew 5/8 x 7" Gr. 5	4
3	611-1001Z	Hex Nut 5/8"	8
4	615-1000Z	Lockwasher 5/8"	8
5	616-1000Z	Flatwasher 5/8"	4
6	L50015245	Gang Spacer	2
7	604-0808Z	Carriage Bolt 1/2 x 2" Gr. 5	4
8	604-0808Z	Hex Nut 1/2"	4
9	615-0800Z	Lockwasher 1/2"	4
10	616-0800Z	Flatwasher 1/2"	4
11	L50015232	Clamp Plate	1
12	L50015279	Gange Tube Weld.	1
13	L50015255	Rear Support w/Bushings	1

Ref #	Part Number	Description	Qty
14	L50015244	Tool Bar Support w/Bushings	1
15	L50013350	Bushing	8
16	L50015271	Upper Link Weld.	1
17	L50015270	Lower Link Weld.	1
18	L50015257	Pivot Pin Wlmt.	4
19	L50015466	Spring	1
20	L50015254	Spring Arm Weld.	1
21	L50015234	Pivot Pin	2
22	L50015226	Spring Pin	1
23	617-025	Cotter Pin 3/16 x 1 1/2"	3
24	613-1200Z	Nylock Nut 3/4"	4
25	L2050001	Klik Pin	3



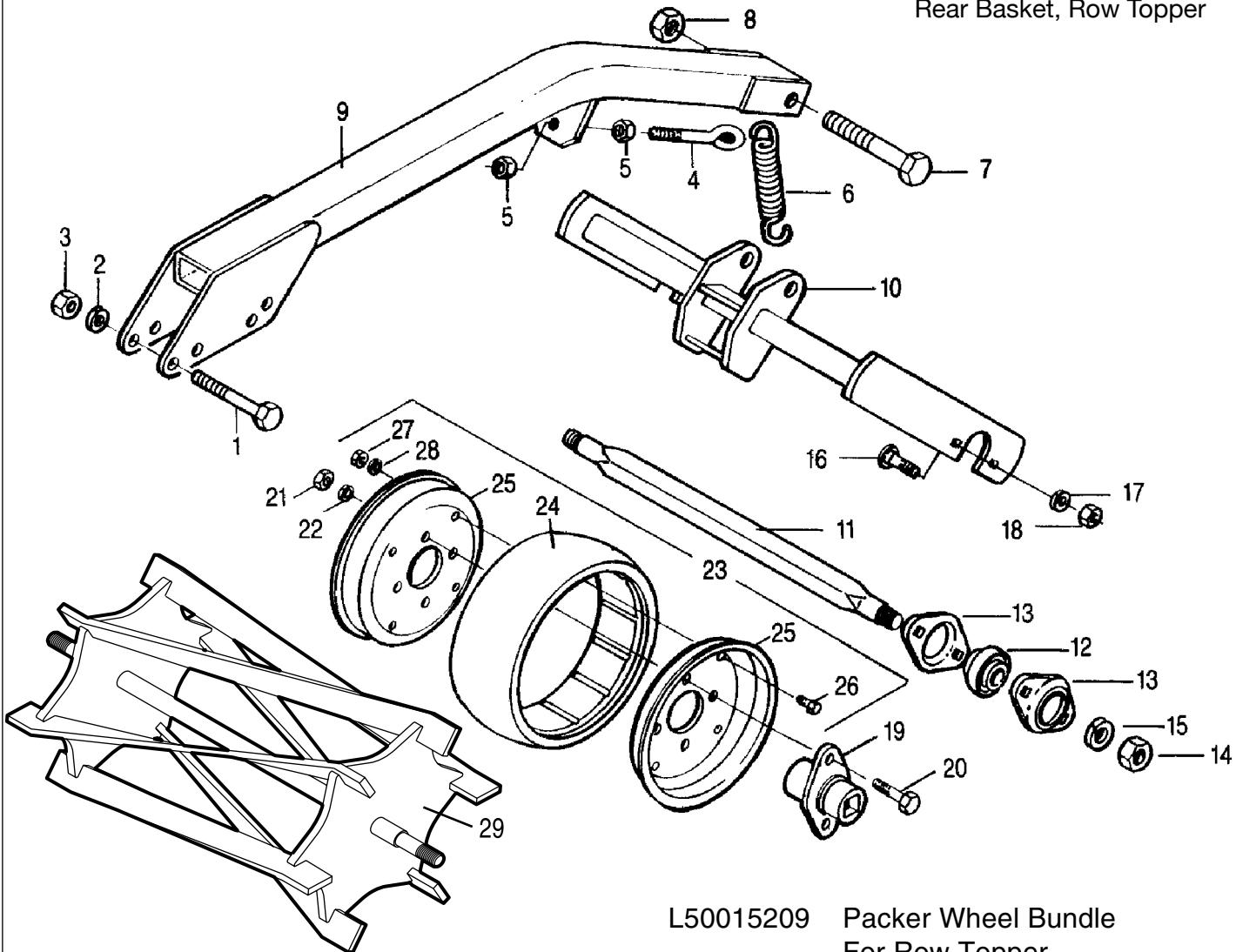
L50015210 Bed Knocker Assembly  
Model Year 1993-Current

Ref #	Part Number	Description	Qty.
1	L50015238	Bed Knocker Sweep	1
2	L50015275	Bed Knocker Mount Weldment	1
3	L50015261	Shank	1
4	608-0706Z	#3 Plow Bolt 7/16" x 1-1/2"	5
5	611-0701Z	Hex nut 7/16"	5
6	615-0700Z	Lockwasher 7/16"	5
7	602-0810Z	Capscrew 1/2" x 2-1/2"	2
8	611-0801Z	Hex Nut 1/2"	2
9	615-0800Z	Lockwasher 1/2"	2
10	616-0701Z	Flatwasher 7/16"	5
11	L50015280	Wing	1
12	602-1018Z	Capscrew 5/8" x 4-1/2" Gr. 5	2
13	602-1011Z	Capscrew 5/8" x 2-3/4" Gr. 5	2
14	611-1001Z	Hex Nut 5/8"	4
15	615-1000Z	Lockwasher 5/8"	4
16	L50015221	Tee Jet Spray Nozzle	1
17	606-0604Z	Setscrew 3/8" x 1"	1
18	L50015222	Black Pipe Nipple 1/4" x 6"	1
19	L50015199	Black Pipe Coupler 1/4"	1
20	L50015260	Bed Knocker Mount	1
21	L50015198	Black Pipe Plug 1/4"	1



L50015953 Bed Knocker Assembly  
(Tool Bar Mounted)  
Model Year 1993-Current

Ref #	Part Number	Description	Qty.
1	L50015238	Bed Knocker Sweep	1
2	L50015275	Bed Knocker Mount Weldment	1
3	L50015954	Shank	1
4	608-0706Z	Plow Bolt 7/16 x 1-1/2"	5
5	611-0701Z	Hex nut 7/16"	5
6	615-0700Z	Lockwasher 7/16"	5
7	616-0701Z	Flatwasher 7/16"	5
8	602-0810Z	Capscrew 1/2" x 2-1/2"	2
9	611-0801Z	Hex Nut 1/2"	2
10	615-0800Z	Lockwasher 1/2"	2
11	L50015221	Tee Jet Spray Nozzle	1
12	606-0604Z	Setscrew 3/8 x 1"	1
13	L50015222	Black Pipe Nipple 1/4 x 6"	1
14	L50015199	Black Pipe Coupler 1/4"	1
15	L50015198	Black Pipe Plug 1/4"	1
16	L50015955	Mount	1
17	L6406012	U-Bolt 5/8"	2
18	611-1001Z	Hex Nut 5/8"	8
19	615-1000Z	Lockwasher 5/8"	8
20	602-1012Z	Capscrew 5/8 x 3"	2
21	L50015280	Wing	1



L50015211 Rear Basket Bundle  
For Row Topper  
Model Years 2002-Current

L50015209 Packer Wheel Bundle  
For Row Topper  
Model Years 1993-Current

Ref #	Part Number	Description	Qty
1	602-1020Z	Capscrew 5/8 x 5" Gr. 5	2
2	615-1000Z	Lockwasher 5/8"	2
3	611-1001Z	Hex Nut 5/8"	2
4	L14-5-144	Eye Bolt 1/2"	1
5	611-0801Z	Hex Nut 1/2"	2
6	L14-5-148	Wheel Spring	1
7	602-1222Z	Capscrew 3/4 x 5-1/2" Gr. 5	1
8	613-1201Z	Locknut 3/4"	1
9	L50015277	Roller Arm Weldment	1
	L50015241	Roller Assy. Includes items 10-28	1
	L50015175	Basket/Frame Assy. Includes items 10, 12-18, 29	1
10	L50015268	Roller Frame	1
11	L50015243	Roller Axle	1
12	L2061001	Bearing	2
13	L461099	Flange	4

Ref #	Part Number	Description	Qty
14	611-1401Z	Hex Nut 7/8"	2
15	615-1400Z	Lockwasher 7/8"	2
16	604-0505Z	Carriage Bolt 5/16 x 1-1/4" Gr. 5	4
17	615-0500Z	Lockwasher 5/16"	4
18	611-0501Z	Hex Nut 5/16"	4
	L50015242	Packer Wheel Assy. Includes items 19-28	5
19	L50015237	Hub	1
20	602-0805Z	Capscrew 1/2 x 1-1/4" Gr. 5	2
21	611-0801Z	Hex Nut 1/2"	2
22	615-0800Z	Lockwasher 1/2"	2
23	L50002196	Wheel Assy.	1
24	627-901	Tire	1
25	L50002193	Rim	2
26	602-0503Z	Capscrew 5/16 x 3/4"	4
27	611-0501Z	Hex Nut 5/16"	4
28	615-0500Z	Lockwasher 5/16"	4
29	685-202	Basket Weldment, 12" Dia.	1

## Alphabetical Index

**A**

Adaptor, Quick Hitch-Cat III 4  
Add-on Spider Kits, 16" 18  
Add-on Spider Kits, 14-1/2" 19  
Adjustable Guide Wheel 48

**B**

Basket, Rear Row Topper 72  
Bed Knocker (Tool Bar Mounted)  
    Row Topper 71  
Bed Knocker (Support Mounted)  
    Row Topper 70  
Bed Ripper Shank 42

**C**

Cable Attachment, Tool Bar Sup-  
port 54  
Cast Tool Bar Clamp, 7x7 41, 66  
Center Folding Tool Bar 5, 6  
Center Mount Spring Coulter 27  
Chisel Foot 39  
Clamp 5 & 6" Bar; Model Year  
    1981-1984 51  
Clamp, Tool Bar (7x7) 41, 66  
Connector, Tool Bar 4  
Coulter, Heavy Duty Rear Mount  
    31  
Coulter Mount Adaptor 32  
Coulter, Rigid 30  
Coulter Scraper Kit 32  
Coulter, Spring/End Mount 28  
Crop Shield Kit, Deluxe HD 49

**D**

Disc Assy. with Clamp 46  
Disc Gang Assy 18, 19  
Disc Row Gang Assy. 26  
Disc Weeder 44, 45  
Drive Wheel Assy., Fertilizer At-  
tachment 61

**E**

End Mounted Spring Loaded Coul-  
ter 28

**F**

Folding Tool Bar, Center Section  
    5, 6  
Folding Tool Bar, Wing 7  
Front Mount Adaptor 32

**G**

Gang Extension Kit 19  
Gang Mounting Pipes 10, 11  
Gang Support, Twin Row 23  
Gauge Wheels, Tool Bar, 7X7  
    33, 34, 35, 36  
Gauge Wheels, 3-1/2" Diamond  
    Tool Bar 37  
Gauge Wheel, Row Gang 4x12 47

Ground Drive Bracket, Fertilizer At-  
tachment 62  
Guide Cone L2099110 43  
Guide Cone L6499015 43  
Guide Wheel 48  
Guide Wheel, Adjustable 48

**H**

High Speed Shank, Sweep 40  
Hitch, 3-1/2" Diamond Bar 4  
Hitch, 5x7 Bar 1  
Hitch, Auxiliary Tool Bar 8  
Hitch Parts Diagram 2  
Hitch Parts List 3  
Hoe Shank Assy. For Row Gang  
    47  
Hopper Assy., Fertilizer Attachment  
    59, 60  
Hydraulic Cylinder, Folding Tool  
    Bar 9  
Hydraulic Drive Assy., Fertilizer At-  
tachment 63

**K**

Knife (Dual Opening) Fertilizer At-  
tachment 66  
Knife Shank (Long) Fertilizer At-  
tachment 67  
Knives (Injector) Fertilizer Attach-  
ment 66

**L**

Lift Assist Brackets 51  
Lift Assist Wheel 52

**M**

Mount Adaptor, Front 32

**P**

Pipe Stands 51

**R**

Rear Basket, Row Topper 72  
Rear Diamond Tool Bar Support 57  
Rear Square Tool Bar Support 57  
Rigid Coulter 30  
Rigid Trip Shank, P/N L2020084 41  
Row Gang Gauge Wheel 39  
Row Gang Support 77-78' 20  
Row Gang Support 79-84' 21  
Row Gang Support 85-Curr. 22  
Row Marker, Hydraulic 53  
Row Topper Support 69

**S**

S-Tine Mount Kits 19  
Shank Assy., Rigid 38  
Shank, Bed Ripper 42  
Shank, Coil Spring 39  
Shank, High Speed 40  
Shank Assy., Spring 38

Shank, Spring Trip 40  
Shield Kit, Deluxe Heavy Duty 49  
Shield Kit, Heavy Duty 49  
Single Spider Gang- 12.5" 18  
Spider Gang Assy, 14-1/2" No.1  
    13  
Spider Gang Assy, 14-1/2" No.2  
    14  
Spider Gang Assy, 16" No.1 15  
Spider Gang Assy, 16" No.2 16  
Spider Kit, Add-on 18  
Split Row Gang, Disc Assy 26  
Split Row Gang, Picker Wheel 25  
Split Row Gang, Slicer Tine 24  
Spout Holder, Fertilizer Attachment  
    67

Spring Shank Assy. 38

Spring Trip Foot Assy. :  
    P/N L2099012, Model Year  
        1967-1979 39  
    P/N L50015284, Model Years  
        1981-1985 55  
    P/N L50016332, Model Years  
        1986-Current 56

Spring Trip Shank 40

Standard Support Bundle, Rear  
    Pipe 38

Support Bundle, Fertilizer Attach-  
ment 64, 65

Sweep, High speed 40

**T**

Tent Shield, Gang Pipe Mount 50  
Tent Shield, Tool Bar Mount 50  
Tool Bar Bracket (7x7"), Fertilizer  
    Attachment 66  
Tool Bar Clamp Brackets-7x7, 5x7  
    42, 66  
Tool Bar Connector 4  
Tool Bar Mount, Fertilizer Attach-  
ment 58

Tool Bar, Wing Section-Folding 7  
Tool Bar Support, Rear (Diamond)  
    57

Tool Bar Support, Rear (Square)  
    57

Tool Bars, 7x7 1

Twin Row Gang Support/Tool Bar  
    23

**W**

Wing, Folding Tool Bar 7

**Y**

"Y" Divider & Hoses, Fertilizer At-  
tachment 67