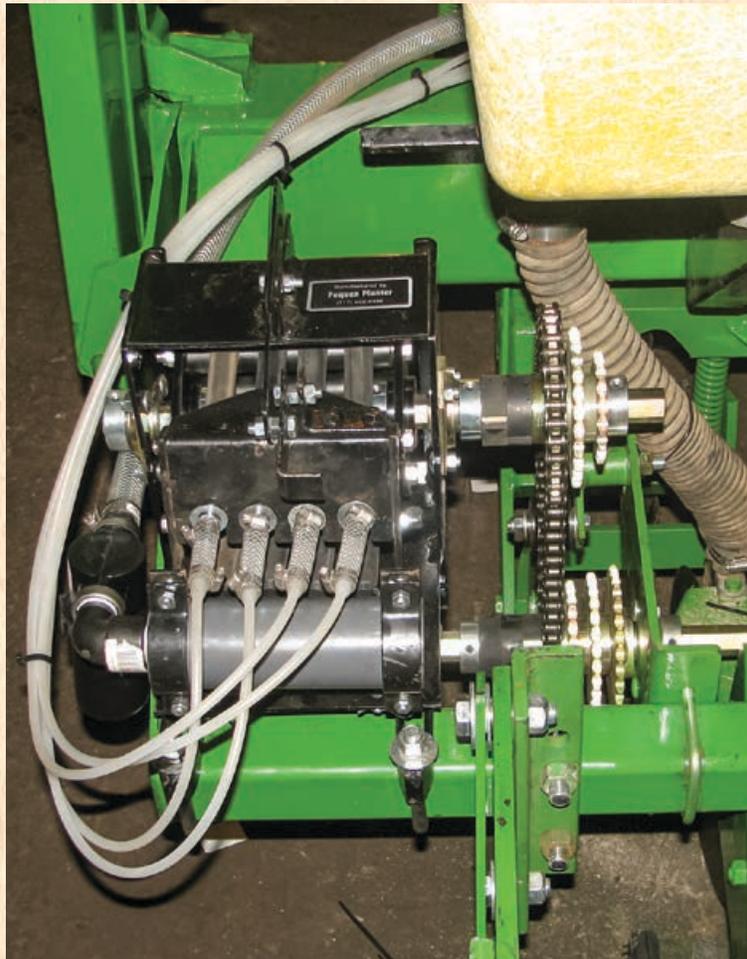


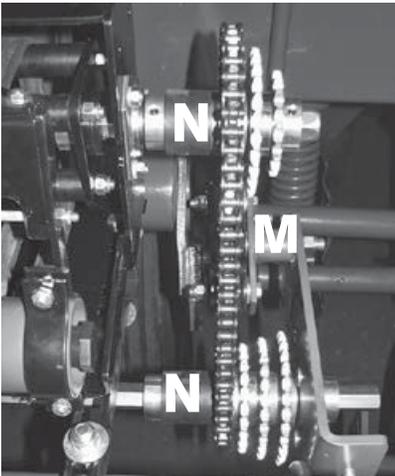
PEQUEA PLANTER

Squeeze Pump Operators Manual

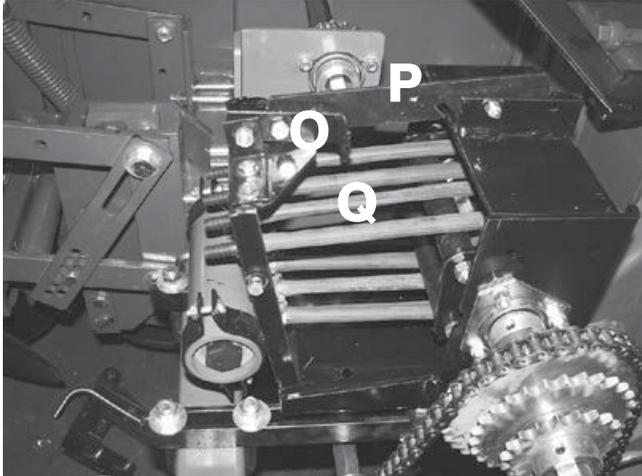


Pequea Planter LLC
561 White Horse Rd.
Gap, PA 17527
717-442-4406

SQUEEZE PUMP OPERATING INSTRUCTIONS



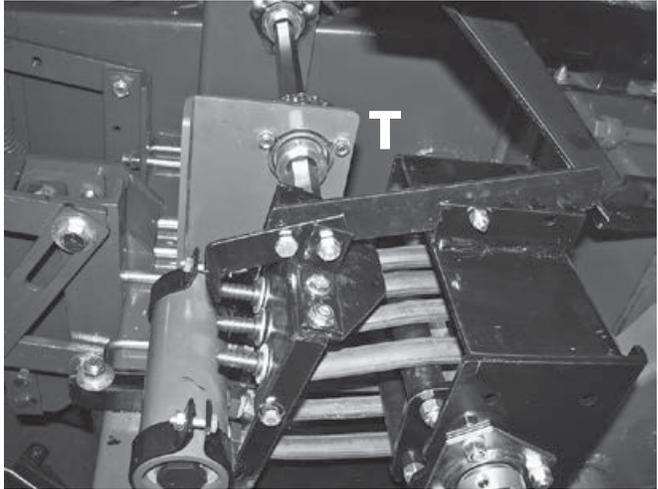
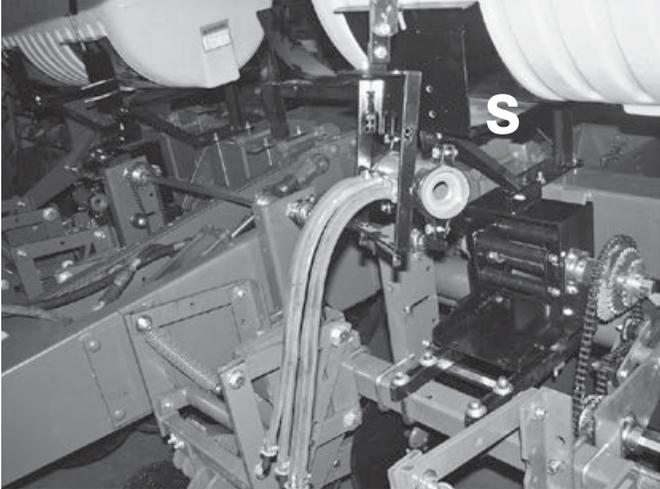
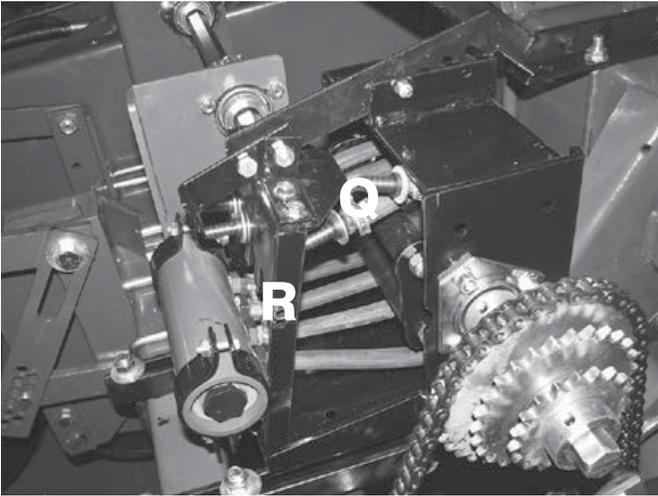
To change rates, loosen tightener (M), remove rubber spacers (N), and move sprockets side ways to align correct sprocket with tightener (M) and tighten chain. Drive a short distance, then check if chain is still tight.



Use handle (O) and notched arm (P) to tighten squeeze hoses (Q). Tighten hoses until no liquid leaks through pump. Close valve and loosen hoses if not in use. (The hoses will stretch if kept tight). If the hoses do stretch too much, they can be shortened. (Stretched hoses will reduce rate.)

Maintenance Instructions

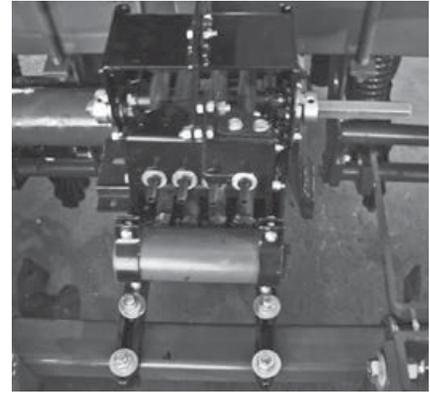
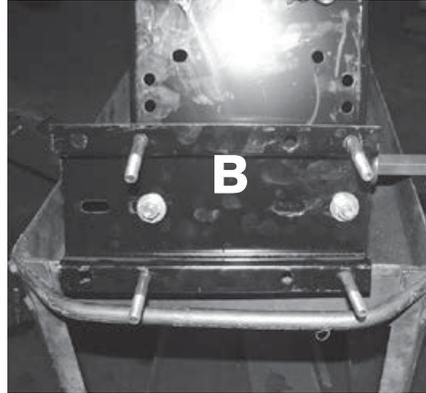
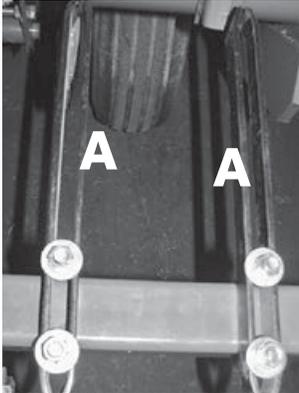
After planting season, clean all fertilizer out and wash tanks and pump. Remove 1/4" x 6 1/2" stainless steel bolt (R) release hoses (Q), remove clip pins from bottom of pump, and remove manifold and hoses as shown in picture (S) to clean pump, blow dry or add antifreeze. Reassemble, but do not tighten hoses as shown in picture (T).



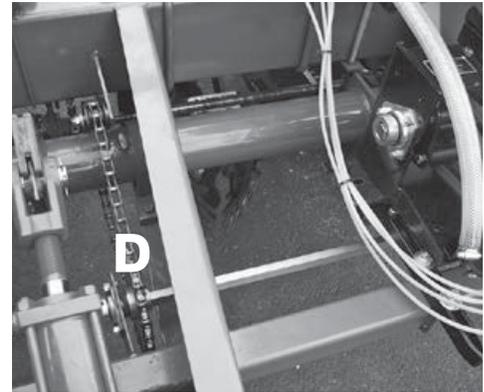
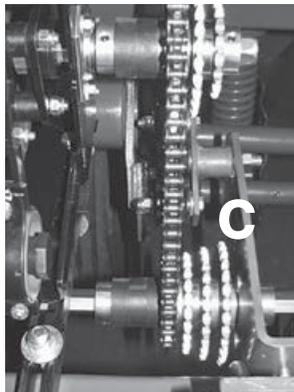
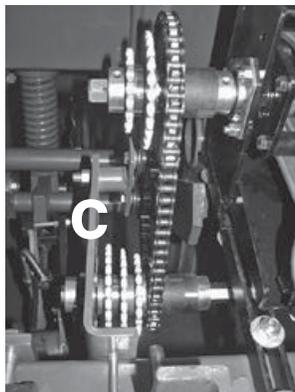
SQUEEZE PUMP INSTALLATION INSTRUCTIONS

For JD 7000 Planters

Mount bars (A) on 2 1/2" square tool bar with 1/2" U-Bolts. Fasten plate (B) on pump with two 3/8" x 1 " bolts. Mount pump on bars (A) and fasten with four 3/8" x 2" bolts, use 1/2" and 3/8" flat washers on bottom of bars. Make pump square with tool bar and tighten.

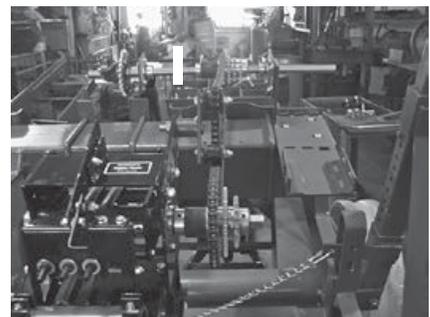
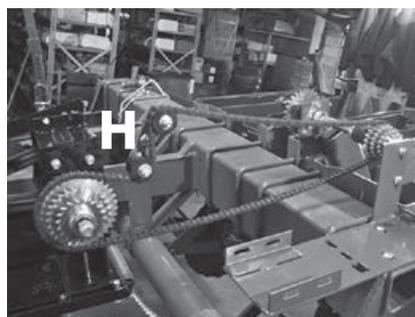
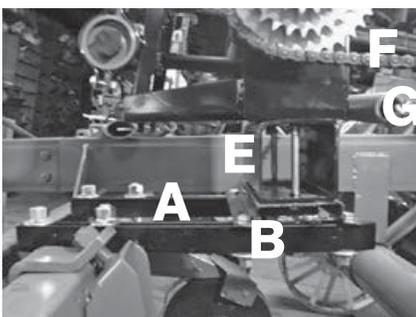


Pump can be mounted with transmission on right or left side, Fasten bracket (C) with 3/8" U-Bolt and place so sprockets and idlers line up with sprockets on pump. Pump should have 19, 27, and 35 tooth sprockets. Jack shaft should have 21, 24, 27, and 30 tooth sprockets. For higher rate of fertilizer, 35 tooth sprocket can be put on jack shaft. (Pequea Planter has sprockets available from 15 to 45 tooth). Sprocket (D) is standard 40 tooth, or 20 tooth for higher rate. If needed use 1" round x 1/16" thick shims between sprocket (D) and bearing to align sprocket with the sprocket on clutch.



For Pequea Planter 2 and 3 Row Planters

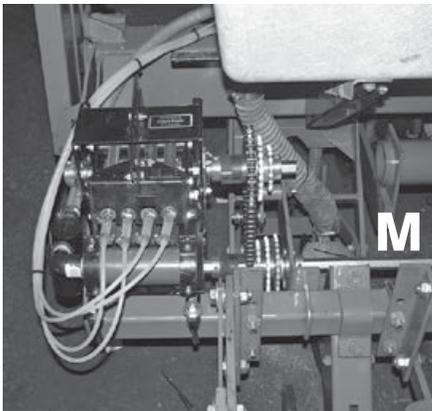
Install bars (A) as shown above. Install tube (E) between pump and plate (B) to raise drive chain (F) above marker chain (G). Install idler assembly (H) on pump. Pump should have 19, 27, and 35 tooth sprockets. Install 15, 17, 19, and 21 tooth sprockets on jack shaft (I) and align with sprockets on pump. The 27 and 35 tooth sprockets can be put on jack shaft for higher rate of fertilizer.



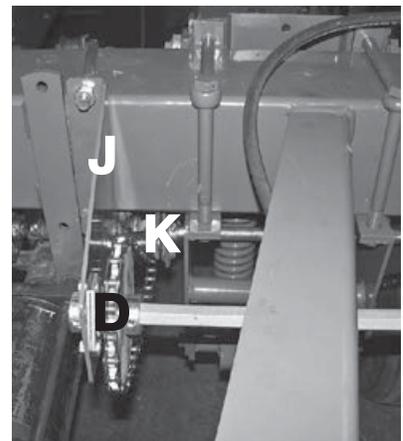
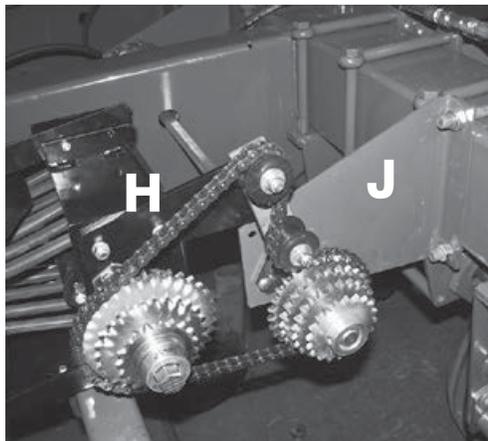
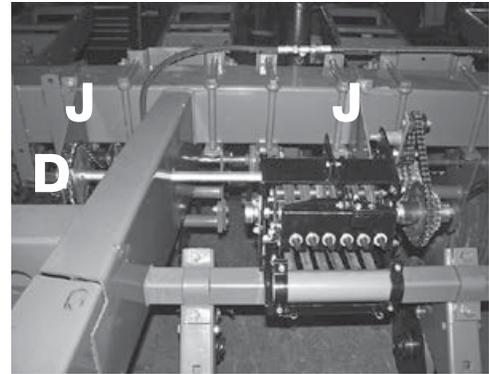
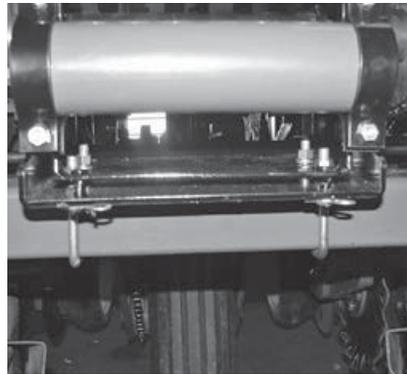
For 7000 Planters with Heavy Hitch

Mount pump directly on 2 1/2" square tool bar with 3/8" U-Bolts. Install idler assembly (H) on pump. Install bearing plates (J) on 7" square tool bar. Install 21, 24, 27, and 30 tooth sprockets on Jack Shaft, align with sprockets on pump. The transmission can be mounted on either side of pump. Sprocket (D) is standard 40 tooth, or 20 tooth for higher rate. If needed use 1" round x 1/16" thick shims between sprocket (D) and bearing to align sprocket with the sprocket on clutch. Attach bearing holder (J) and bearing to align sprocket (D) with the sprocket on clutch. Attach idler arm (K) to existing hole in clutch bearing plate.

For JD 7000 Planters with Dry & Liquid Fertilizer

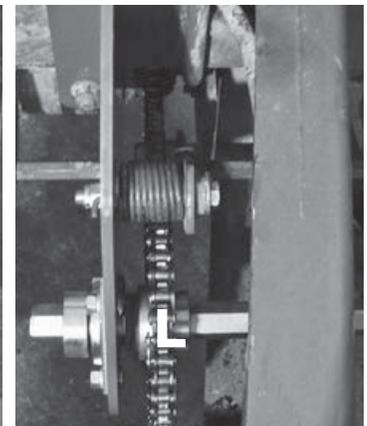
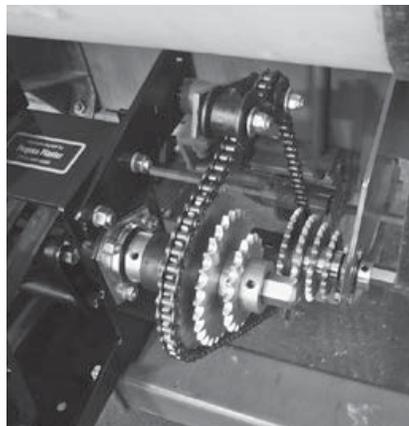
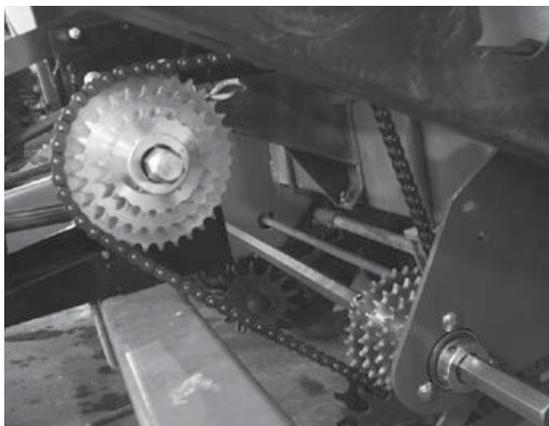


Remove short shaft from dry fertilizer transmission. Install long shaft (M) for both dry and liquid fertilizer transmissions.



For 7200 Conservation Planters

Mount pump directly on 3" square tool bar with 3/8" U-Bolts. Install transmission as described above. Sprocket (L) is 35 or 36 tooth for low rate 16 or 18 tooth for high rate.





SQUEEZE PUMP RATE CHART FOR JD PLANTERS

Chart A				Drive Sprocket	Driven Sprocket	Chart B			
Gallons Per Acre						Gallons Per Acre			
	24" rows	30" rows	36" rows			24" rows	30" rows	36" rows	
	3.9	3.1	2.6	21	35	7.3	5.9	4.9	
	4.5	3.6	3.0	24	35	8.3	6.7	5.6	
	4.9	3.9	3.2	27	35	9.2	7.3	6.1	
	5.0	4.0	3.3	21	27	9.3	7.4	6.2	
	5.4	4.3	3.6	30	35	10.1	8.1	6.8	
	5.6	4.9	3.7	24	27	10.5	8.4	7.0	
	6.2	5.0	4.2	27	27	11.7	9.4	7.8	
	6.8	5.5	4.6	21	19	12.8	10.3	8.5	
	6.9	5.5	4.6	30	27	12.9	10.3	8.6	
	7.8	6.2	5.2	24	19	14.6	11.7	9.7	
	8.6	6.9	5.8	27	19	16.2	12.9	10.8	
	9.5	7.6	6.3	30	19	17.8	14.2	11.9	

Chart C				Drive Sprocket	Driven Sprocket	Chart D			
Gallons Per Acre						Gallons Per Acre			
	24" rows	30" rows	36" rows			24" rows	30" rows	36" rows	
	13.7	10.9	9.1	21	35	26.4	21.1	17.6	
	15.6	12.5	10.4	24	35	30.1	24.0	20.0	
	17.1	13.7	11.4	27	35	33.1	26.5	22.0	
	17.3	13.9	11.5	21	27	33.4	26.7	22.3	
	18.9	15.2	12.6	30	35	36.5	29.2	24.4	
	19.6	15.7	13.1	24	27	37.8	30.3	25.2	
	21.9	17.5	14.6	27	27	42.2	33.7	28.1	
	23.9	19.2	16.0	21	19	46.2	36.9	30.8	
	24.1	19.3	16.1	30	27	46.4	37.2	31.0	
	27.2	21.8	18.1	24	19	52.5	42.0	35.0	
	30.2	24.2	20.1	27	19	58.3	46.6	38.8	
	33.2	26.6	22.2	30	19	64.1	51.3	42.7	

This chart is approximate. Rate MUST be field checked.

In no-till, pump will apply approximately 7% more.

SQUEEZE PUMP CHART GUIDE FOR JD PLANTERS

John Deere 7000

Chart

3/8" Low rate Pump with 40 tooth sprocket in hitch	A
3/8" Low rate Pump with 20 tooth sprocket in hitch	B
3/8" High rate Pump with 40 tooth sprocket in hitch	B
3/8" High rate Pump with 20 tooth sprocket in hitch	C
5/8" Low rate Pump with 40 tooth sprocket in hitch	B
5/8" Low rate Pump with 20 tooth sprocket in hitch	C
5/8" High rate Pump with 40 tooth sprocket in hitch	C
5/8" High rate Pump with 20 tooth sprocket in hitch	D

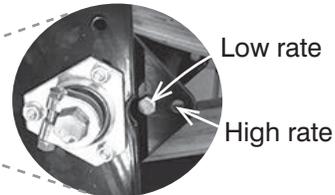
John Deere 7200 and 1750

Chart

3/8" Low rate Pump with 35 tooth sprocket in hitch	A
3/8" Low rate Pump with 18 tooth sprocket in hitch	B
3/8" High rate Pump with 35 tooth sprocket in hitch	B
3/8" High rate Pump with 18 tooth sprocket in hitch	C
5/8" Low rate Pump with 35 tooth sprocket in hitch	B
5/8" Low rate Pump with 18 tooth sprocket in hitch	C
5/8" High rate Pump with 35 tooth sprocket in hitch	C
5/8" High rate Pump with 18 tooth sprocket in hitch	D

Formula for creating
universal pump rate chart

**Roller
Location**



<u>Hose Size</u>	<u>Rate</u>	<u>Recommended Gallons per acre</u>	<u>Starting Number</u>
3/8"	Low	2-7	5640
3/8"	Low	8-14	5190
3/8"	High	6-14	10,560
3/8"	High	15-26	9750
5/8"	Low	6-14	10,560
5/8"	Low	15-26	9750
5/8"	High	11-27	19,650
5/8"	High	28-52	18,510

Example: JD 7000 with 30" rows,
28" tire diameter, and 3/8" Low rate
pump (numbers below in parentheses)
– see chart A on page 4 = 5 gallon

Starting Number _____ (5640),
 Divide by _____ (30) - row spacing in inches,
 Divide by _____ (28) - tire diameter in inches,
 Multiply by _____ (12) - number of teeth on drive sprocket,
 Divide by _____ (8) - number of teeth on driven sprocket
 Multiply by _____ (20) - number of teeth on drive sprocket
 Divide by _____ (40) - number of teeth on driven sprocket
 Multiply by _____ (27) - number of teeth on drive sprocket
 Divide by _____ (27) - number of teeth on driven sprocket
 Multiply by _____ - number of teeth on drive sprocket
 Divide by _____ - number of teeth on driven sprocket
 Equals _____ (5.04) - gallons per acre

Rate MUST be field checked.



SQUEEZE PUMP RATE CHART FOR 2 AND 3 ROW PEQUEA PLANTERS

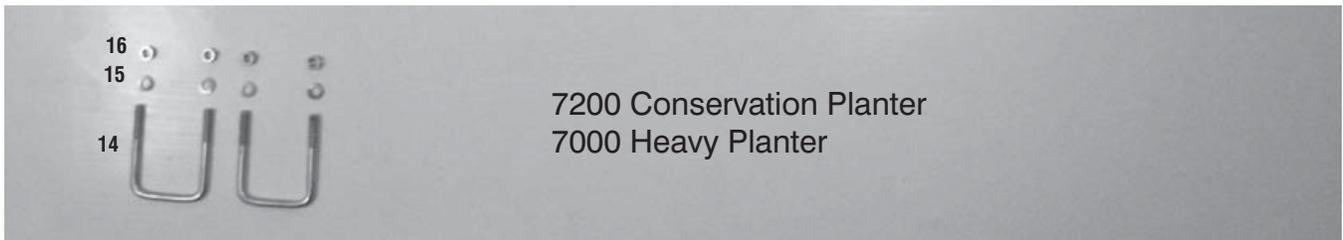
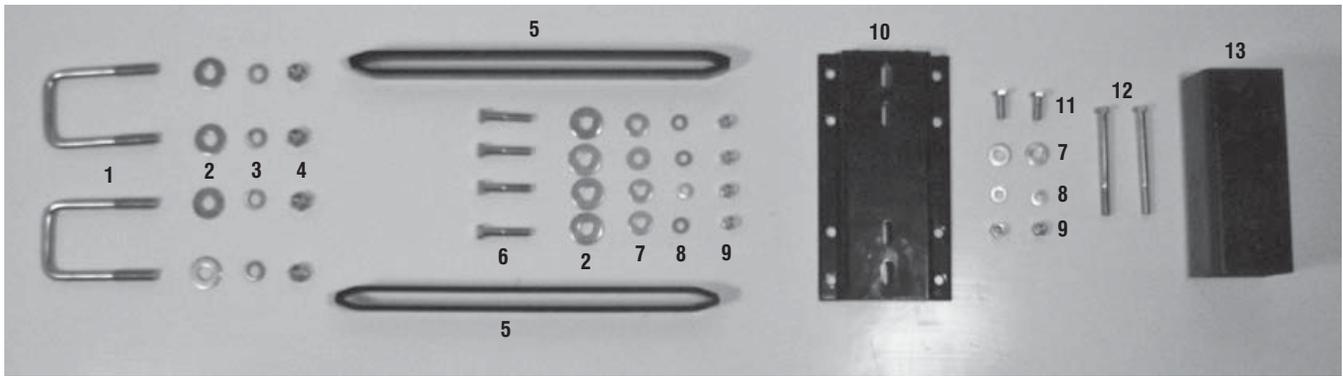
For 3/8" Pump - Low Rate Gallons Per Acre				Drive Sprocket	Driven Sprocket	For 3/8" Pump - High Rate and 5/8" Pump - Low Rate Gallons Per Acre				For 5/8" Pump - High Rate Gallons Per Acre			
24" rows	30" rows	36" rows					24" rows	30" rows	36" rows			24" rows	30" rows
4.0	3.2	2.7		15	35		7.5	6.0	5.0		14.1	11.3	9.4
4.4	3.5	3.0		17	35		8.3	6.6	5.5		15.5	12.4	10.3
4.9	3.9	3.2		19	35		9.2	7.3	6.1		17.2	13.7	11.4
5.0	4.0	3.3		15	27		9.4	7.5	6.2		17.5	14.0	11.7
5.4	4.3	3.6		21	35		10.0	8.0	6.7		18.8	15.0	12.5
5.6	4.5	3.7		17	27		10.5	8.4	7.0		19.7	15.7	13.1
6.2	5.0	4.2		19	27		11.6	9.3	7.8		21.8	17.4	14.5
6.8	5.5	4.6		21	27		12.8	10.2	8.5		23.9	19.1	15.9
6.9	5.5	4.6		15	19		13.0	10.4	8.6		24.2	19.4	16.1
7.8	6.2	5.2		17	19		14.5	11.6	9.7		27.2	21.7	18.1
8.6	6.9	5.8		19	19		16.1	12.9	10.7		30.1	24.1	20.1
9.5	7.6	6.3		21	19		17.7	14.2	11.8		33.1	26.5	22.1
9.6	7.7	6.4		19	17		17.9	14.3	12.0		33.5	26.8	22.3
10.5	8.4	7.0		21	17		19.7	15.7	13.1		36.8	29.4	24.5
10.8	8.6	7.2		19	15		20.2	16.1	13.4		37.7	30.2	25.2
11.8	9.5	7.9		21	15		22.2	17.7	14.8		41.4	33.1	27.6
12.0	9.6	8.0		27	19		22.5	18.0	15.0		42.0	33.6	28.0
13.3	10.7	8.9		27	17		24.9	19.9	16.6		46.6	37.3	31.1
15.0	12.0	10.0		27	15		28.0	22.4	18.7		52.4	41.9	34.9
15.3	12.2	10.2		35	19		28.6	22.9	19.1		53.5	42.8	35.6
17.0	13.6	11.3		35	17		31.7	25.4	21.1		59.3	47.4	39.5
19.0	15.2	12.7		35	15		35.6	28.5	23.7		66.5	53.2	44.3

This chart is approximate. Rate MUST be field checked.

In no-till, pump will apply approximately 7% more.

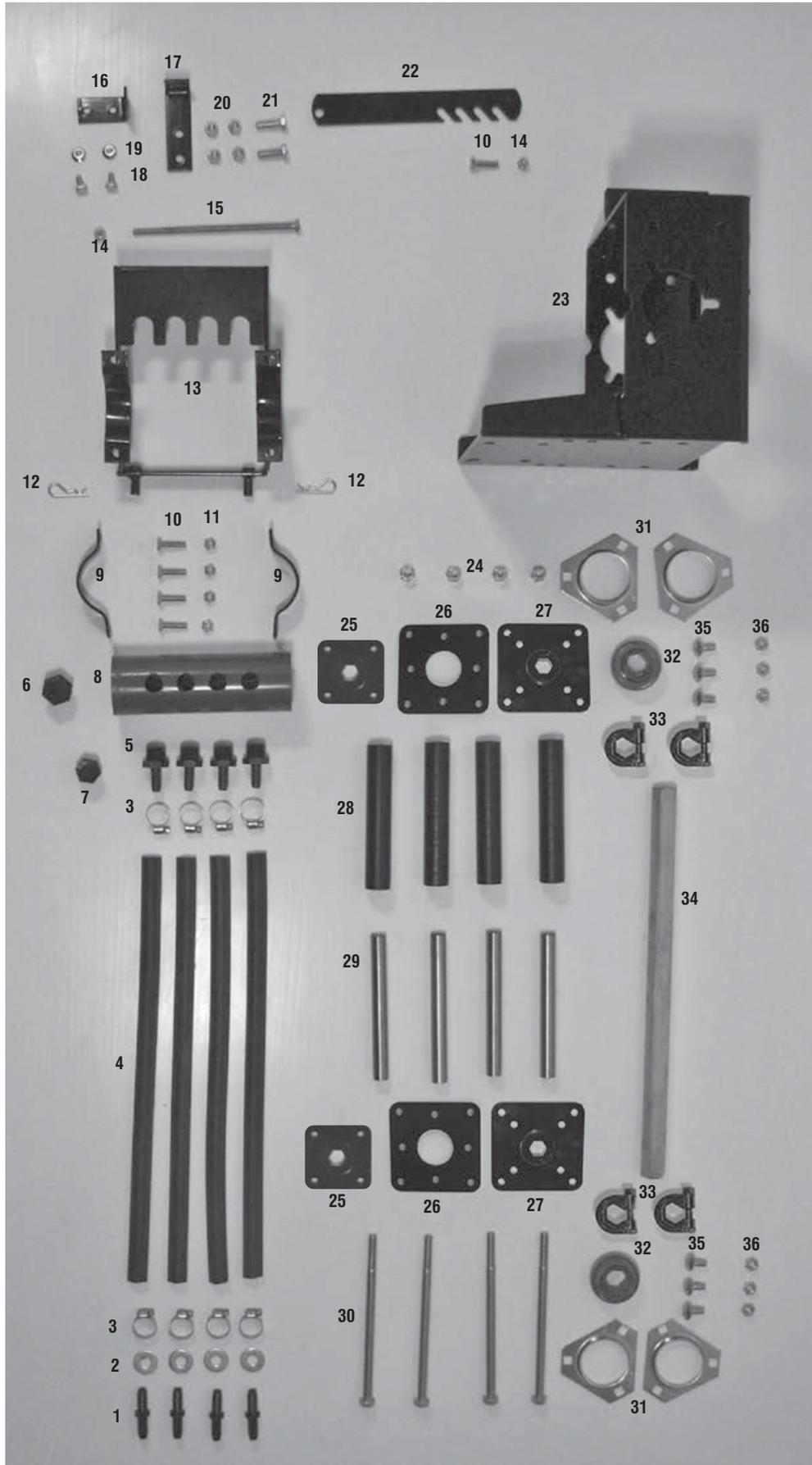
Sprockets need to be rearranged for shaded part of chart.

SQUEEZE PUMP MOUNTING PARTS BREAKDOWN



KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0101	U Bolt	2	1/2" x 2 1/2" x 4 1/2"
2		1/2" Flat Washer	8	
3		1/2" Lock Washer	4	
4		1/2" Nut	4	
5	PP0102	Bar	2	16" Standard Length
	PP0133	Bar	2	24" Optional Length
6		3/8" x 2" Hex Bolt	4	
7		3/8" Flat Washer	6	
8		3/8" Lock Washer	6	
9		3/8" Nut	6	
10	PP0107	Plate	1	10 1/2" Standard Length
	PP0117	Plate	1	16" Optional Length
11		3/8" x 1" Hex Bolt	2	
12		3/8" x 4 1/2" Hex Bolt	2	Use only on 2 & 3 Row with markers.
13	PP0108	Spacer Tube	1	Use only on 2 & 3 Row with markers.
14	PP0109	U Bolt	2	3/8" x 3" x 4"; Use on 7200 Conservation
	PP0110	U Bolt	2	3/8" x 2 1/2" x 3 1/2"; Use on 7000 Heavy.
15		3/8" Lock Washer	2	
16		3/8" Nut	2	

SQUEEZE PUMP PARTS BREAKDOWN

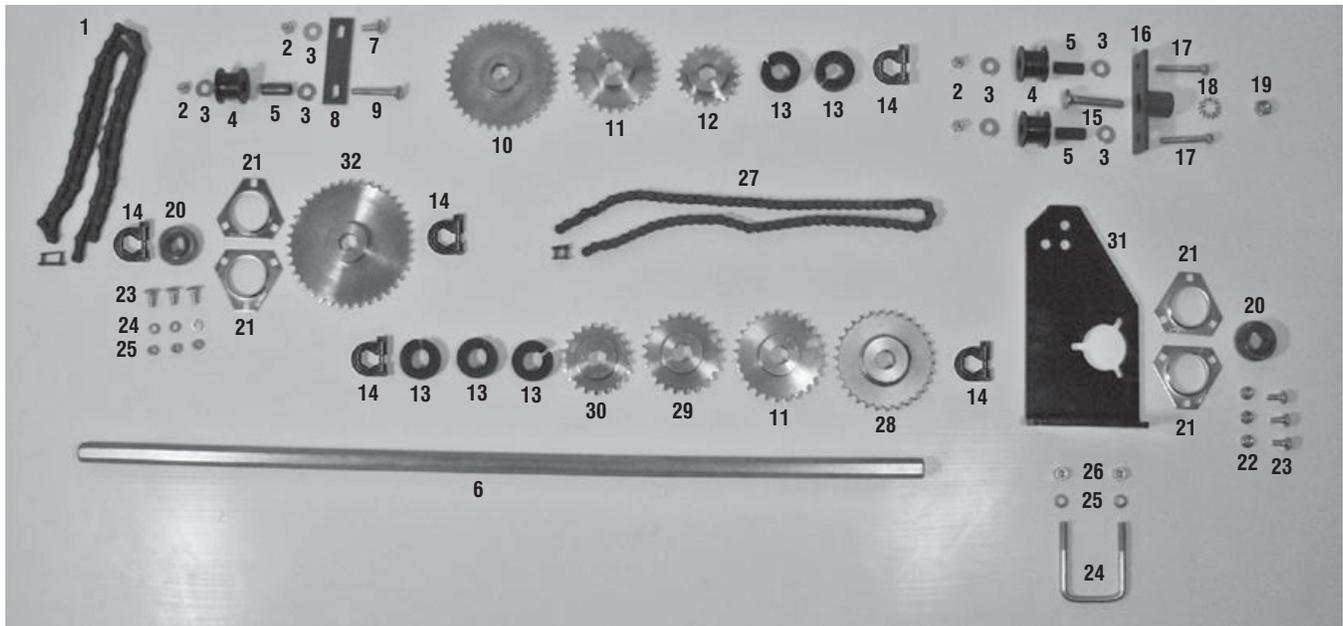




SQUEEZE PUMP DRIVE PARTS BREAKDOWN

KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0111	Fitting	1	Per Row 3/8" Hose Mender for 3/8" pump
	PP0134	Fitting	1	Per Row 5/8" x 1/2" Hose Mender for 5/8" pump
2		3/8" Flat Washer	1	Per Row for 3/8" pump
3	PP0112	Hose Clamp	2	Per Row #62606
4	PP0103	3/8" Hose	1	Per Row 17 1/2" long
	PP0105	5/8" Hose	1	Per Row 17 1/2" long
5	PP0113	Fitting	1	Per Row 1/2" pipe thread x 3/8" barb for 3/8" pump
	PP0114	Fitting	1	Per Row 1/2" pipe thread x 5/8" barb for 5/8" pump
6	PP0115	3/4" Plug	1	
	PP0135	1" Plug	1	
7	PP0116	1/2" Plug	2	Use only on 2 row
	PP0116	1/2" Plug	1	Use only on 3 row
8	PP0104	Manifold	1	For 4 row
	PP0106	Manifold	1	For 6 row
9	PP0118	Strap	2	
10		1/4" x 1" Hex Bolt	5	
11		1/4" Nut	4	
12		3/32" Clip Pin	2	
13	PP0119	Manifold Frame	1	For 4 row
	PP0128	Manifold Frame	1	For 6 row
14		1/4" Lock Nut	2	
15	PP0120	1/4" x 6 1/2" Hex Bolt	1	Stainless steel, for 4 row
	PP0121	1/4" x 9" Hex Bolt	1	Stainless steel, for 6 row
16	PP0122	L Plate	1	
17	PP0123	Handle	1	
18		1/4" x 1/2" Hex Bolt	2	
19		1/4" Flange Nut	2	
20		5/16" Nut	4	
21		5/16" x 1" Hex Bolt	2	
22	PP0124	Notched Plate	1	
23	PP0125	Main Frame	1	For 4 row
	PP0137	Main Frame	1	For 6 row
24		3/8" Lock Nut	4	
25	PP0100	Roller Plate	2	Low rate - before April 1, 2012
26	PP1051	Roller Plate	2	Use to convert PP0100 to high rate
27	PP0140	Roller Plate	2	Low and High rate - after April 1, 2012
28	PP0126	Plastic Roller	4	For 4 row
	PP0127	Plastic Roller	4	For 6 row
29	PP0129	Stainless Steel Bushing	4	For 4 row
	PP0130	Stainless Steel Bushing	4	For 6 row
30	PP0131	3/8" x 7" Hex Bolt	4	Stainless steel, for 4 row
	PP0132	3/8" x 9 1/2" Hex Bolt	4	Stainless steel, for 6 row
31	PP7800	Flange	4	JD# A31800
32	PP7801	Hex Bearing	2	JD# AA22097
33	PP7812	Collar	4	
34	PP7864	Hex Shaft	1	16", for 4 row
	PP7865	Hex Shaft	1	18", for 4 row
35		5/16" x 3/4" Carriage Bolt	6	
36		5/16" Flange Nut	6	

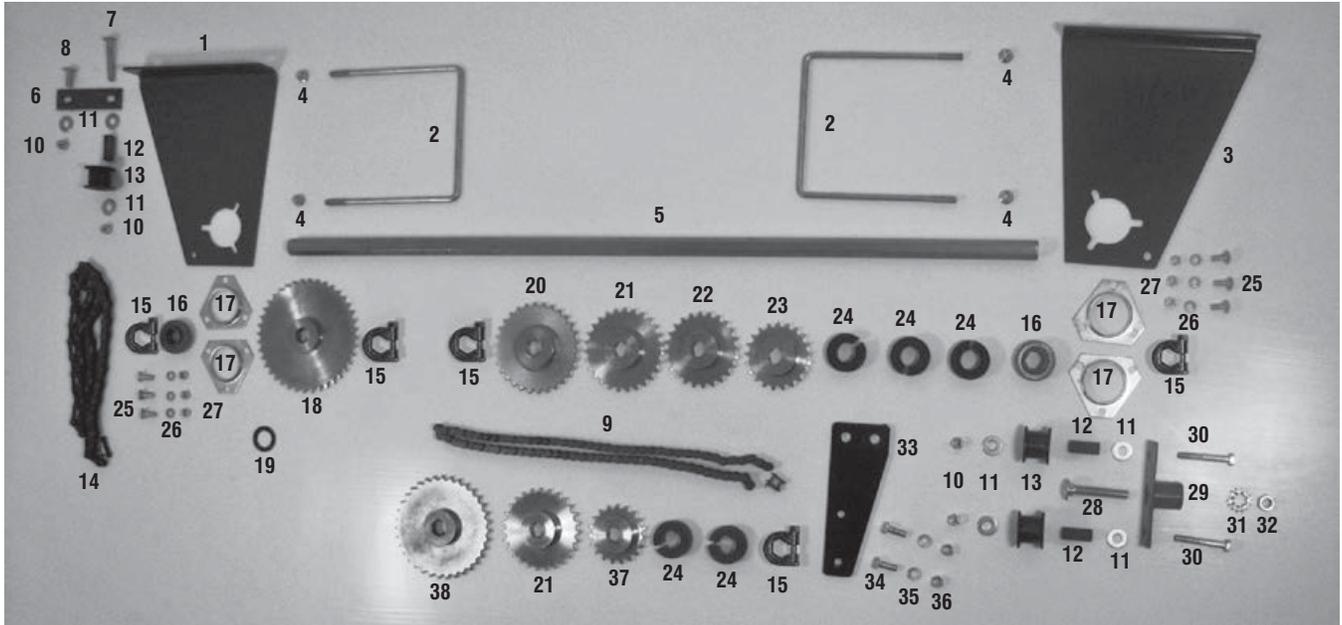
SQUEEZE PUMP DRIVE PARTS BREAKDOWN For 7000



KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0700	#2040 Chain	1	52 links, For 7000 conservation with 40 tooth sprocket
	PP0701	#2040 Chain	1	47 links, For 7000 conservation with 20 tooth sprocket
	PP0702	#2040 Chain	1	49 links, For 7000 standard with 40 tooth sprocket
	PP0703	#2040 Chain	1	44 links, For 7000 standard with 20 tooth sprocket
2		3/8" Lock Nut	4	
3		3/8" Flat Washer	7	
4	PP7806	Med. Idler	3	JD# B30968
5	PP7808	Bushing	3	JD# B30966
6	PP7869	7/8" Hex Shaft	1	36" long, other sizes available
7		3/8" x 1" Carriage Bolt	1	
8	PP0142	Tightener Plate	1	For 7000 Conservation
9		3/8" x 2 1/2" Carriage Bolt	1	
10	PP7835	35 Tooth Sprocket	1	
11	PP7827	27 Tooth Sprocket	2	
12	PP7819	19 Tooth Sprocket	1	
13	PP7810	Rubber Spacer	5	JD# A20337
14	PP7812	Collar	5	
15		1/2" x 2 3/4" Carriage Bolt	1	
16	PP0147	Tightener Arm	1	
17		3/8" x 2 1/2" Hex Bolt	2	
18	PP0148	1/2" Washer	1	1/2" internal external washer
19		1/2" Nut	1	
20	PP7801	Hex Bearing	2	JD# AA22097
21	PP7800	Flange	4	JD# A31800
22		5/16" Flange Nut	3	
23		5/16" x 3/4" Carriage Bolt	6	
24	PP0110	U Bolt	1	3/8" x 2 1/2" x 3 1/2"
25		3/8" Lock Washer	2	
26		3/8" Nut	2	
27	PP0720	#40 Chain	1	76 links with connector link
28	PP7830	30 Tooth Sprocket	1	
29	PP7824	24 Tooth Sprocket	1	
30	PP7821	21 Tooth Sprocket	1	
31	PP0157	Bearing Holder	1	LH, Shown in picture
	PP0158	Bearing Holder	1	RH
32	PP7840	40 Tooth Sprocket	1	For low rate
	PP7820	20 Tooth Sprocket	1	For high rate

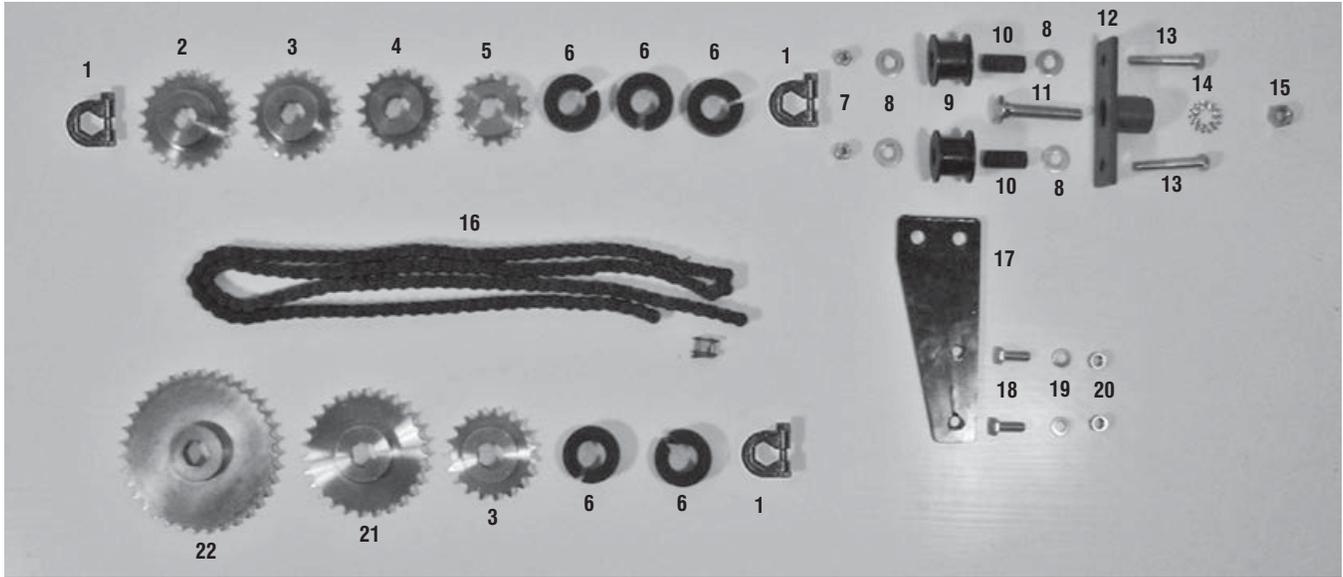


SQUEEZE PUMP DRIVE PARTS BREAKDOWN FOR 7000 HEAVY



KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0161	Bearing Holder	1	RH
2	PP0162	U Bolt	2	5/8" x 7" x 8 1/2"
3	PP0163	Bearing Holder	1	LH
4		5/8" Nut	4	
5	PP7869	7/8" Hex Shaft	1	36" long, other sizes available
6	PP0142	Tightener Plate	1	
7		3/8" x 2 1/2" Hex Bolt	1	
8		3/8" x 1" Carriage Bolt	1	
9	PP0720	#40 Chain	1	76 links
10		3/8" Lock Nut	2	
11		3/8" Flat Washer	7	
12	PP7808	Bushing	3	JD# B30966
13	PP7806	Medium Idler	3	JD# B30968
14	PP0704	#2040 Chain	1	45 links with 40 tooth sprocket
	PP0705	#2040 Chain	1	39 links with 20 tooth sprocket
15	PP7812	Collar	5	
16	PP7801	Hex Bearing	2	JD# AA22097
17	PP7800	Flange	4	JD# A31800
18	PP7840	40 Tooth Sprocket	1	For low rate
	PP7820	20 Tooth Sprocket	1	For high rate
19	PP0166	Spacer Washer	4	Use to align sprocket
20	PP7830	30 Tooth Sprocket	1	
21	PP7827	27 Tooth Sprocket	1	
22	PP7824	24 Tooth Sprocket	1	
23	PP7821	21 Tooth Sprocket	1	
24	PP7810	Rubber Spacer	5	JD# A20337
25		5/16" x 3/4" Carriage Bolt	6	
26		5/16" Lock Washer	6	
27		5/16" Nut	6	
28		1/2" x 2 3/4" Carriage Bolt	1	
29	PP0147	Tightener Arm	1	
30		3/8" x 2 1/2" Hex Bolt	2	
31	PP0148	1/2" Washer	1	1/2" internal external washer
32		1/2" Nut	1	
33	PP0156	Arm	1	
34		3/8" x 1" Hex Bolt	2	
25		3/8" Lock Washer	2	
36		3/8" Nut	2	
37	PP7819	19 Tooth Sprocket	1	
38	PP7835	35 Tooth Sprocket	1	

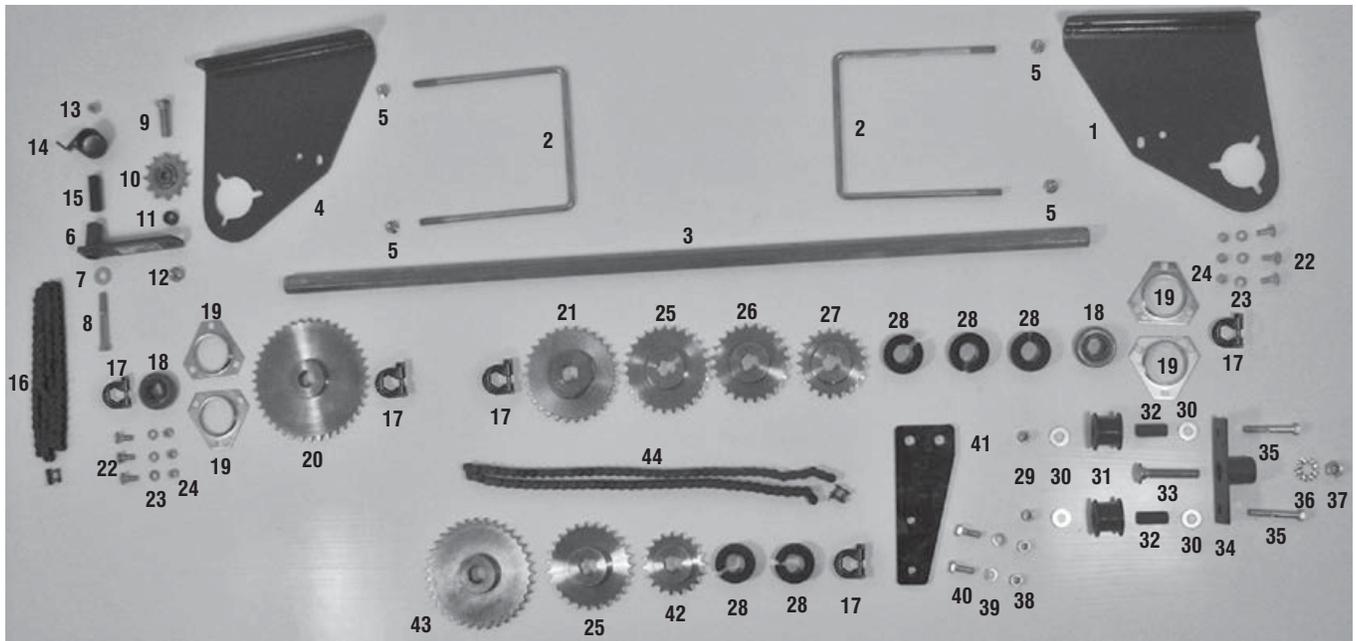
SQUEEZE PUMP DRIVE PARTS BREAKDOWN FOR 2 & 3 ROW



KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP7812	Collar	3	
2	PP7821	21 Tooth Sprocket	1	
3	PP7819	19 Tooth Sprocket	2	
4	PP7817	17 Tooth Sprocket	1	
5	PP7815	15 Tooth Sprocket	1	
6	PP7810	Rubber Spacer	5	JD# A20337
7		3/8" Lock Nut	2	
8		3/8" Flat Washer	4	
9	PP7806	Medium Idler	2	JD# B30968
10	PP7808	Bushing	2	JD# B30966
11		1/2" x 2 3/4" Carriage Bolt	1	
12	PP0147	Tightener Arm	1	
13		3/8" x 2 1/2" Hex Bolt	2	
14	PP0148	1/2" Washer	1	1/2" internal external washer
15		1/2" Nut	1	
16	PP0721	#40 Chain	1	152 Links
17	PP0156	Arm	1	
18		3/8" x 1" Hex Bolt	2	
19		3/8" Lock Washer	2	
20		3/8" Nut	2	
21	PP7827	27 Tooth Sprocket	1	
22	PP7835	35 Tooth Sprocket	1	



SQUEEZE PUMP DRIVE PARTS BREAKDOWN FOR 7200 CONSERVATION



KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0143	Bearing Holder	1	LH
2	PP0144	U Bolt	2	7/16" x 7" x 8 1/2"
3	PP7869	7/8" Hex Shaft	1	36" long, other sizes available
4	PP0145	Bearing Holder	1	RH JD# AA32786
5		7/16" Flange Nut	4	
6	PP0150	Tightener Arm	1	JD# AA32771
7		3/8" Flat Washer	1	
8		3/8" x 3" Hex Bolt	1	
9		1/2" x 1 1/2" Hex Bolt	1	
10	PP0151	Idler Sprocket	1	JD# AA32729
11	PP0152	Spacer	1	
12		1/2" Lock Nut	1	
13		3/8" Lock Nut	1	
14	PP0159	Spring	1	JD# A60643
15	PP0160	Bushing	1	JD# A44705
16	PP0722	#40 Roller Chain	1	74 links, use with 35 tooth sprocket
	PP0724	#40 Roller Chain	1	65 links, use with 18 tooth sprocket
17	PP7812	Collar	5	
18	PP7801	Hex Bearing	2	JD# AA22097
19	PP7800	Flange	4	JD# A31800
20	PP7835	35 Tooth Sprocket	1	For low rate
	PP7818	18 Tooth Sprocket	1	For high rate
21	PP7830	30 Tooth Sprocket	1	
22		5/16" x 3/4" Carriage Bolt	6	
23		5/16" Lock Washer	6	
24		5/16" Nut	6	
25	PP7827	27 Tooth Sprocket	2	
26	PP7824	24 Tooth Sprocket	1	
27	PP7821	21 Tooth Sprocket	1	
28	PP7810	Rubber Spacer	5	JD# A20337
29		3/8" Lock Nut	4	
30		3/8" Flat Washer	4	
31	PP7806	Medium Idler	2	JD# B30968
32	PP7808	Bushing	2	JD# B30966
33		1/2" x 2 3/4" Carriage Bolt	1	
34	PP0147	Tightener Arm	1	
35		3/8" x 2 1/2" Hex Bolt	2	
36	PP0148	1/2" Washer	1	1/2" internal external washer
37		1/2" Nut	1	
38		3/8" Nut	2	
39		3/8" Lock Washer	2	
40		3/8" x 1 Hex Bolt	2	
41	PP0156	Arm	1	
42	PP7819	19 Tooth Sprocket	1	
43	PP7835	35 Tooth Sprocket	1	
44	PP0723	#40 Chain	1	86 links

