

# MAGNUM Smart Steer™ Spreader Sprayer

## Parts Manual



### Model # MAGNUM Smart Steer™ C3C

#### For Technical Support

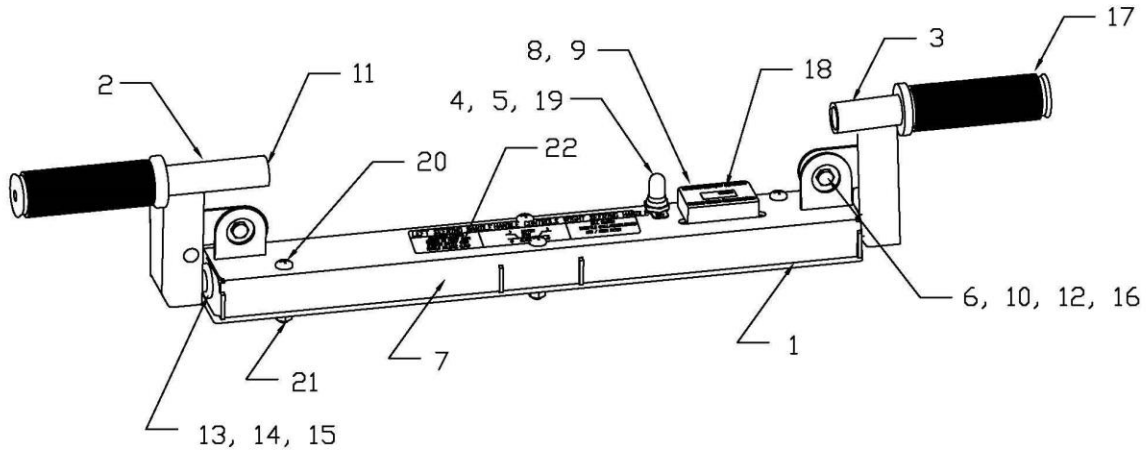
Contact your local dealer or Perma Green Supreme, Inc. at (800) 346-2001 or via e-mail at [tech@permagreen.com](mailto:tech@permagreen.com)

Perma Green Supreme, Inc.  
AUGUST, 2009  
Basic Issue  
UPDATED 2022

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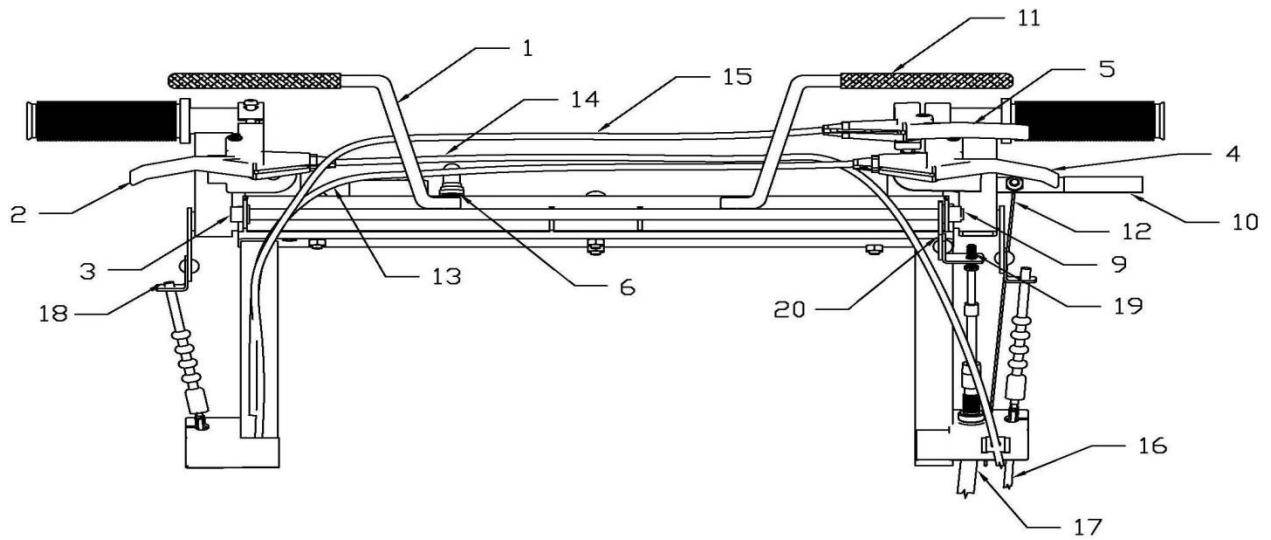
### REAR VIEW

Item #	Perma Green #	LESCO SKU	Description	Quantity
*	P100035		C3C-SS-Handlebar Assembly	1
1*	N/A	-	C3C-Handlebar Assembly Housing	1
2*	P100378	-	C3C-Handlebar Assembly, Left	1
3*	P100380	-	C3C-Handlebar Assembly, Right	1
4*	P300203	-	Kill Switch Wire	1
5*	300125	-	03' - Boot Seal Toggle	1
6*	P645203	-	Lock Nut, 3/8-16	2
7*	P645205	-	5/8" E-Clip	2
8*	P650110	-	Screw, 6-32 x 1/2	2
9*	P650115	-	Lock Nut, 6-32	2
10	P651203	-	3/8 x1-1/4 Fender Washer	2
11*	P651208	-	Plug	2
12*	P651210	-	Snubber Ring	2
13*	P651230	-	5/8 Nylon Washer	4
14*	P651975	-	Flange Bushing 5/8x3/4x5/8	4
15*	P652025	-	Bronze Flange Bushing 3/8x1/2	2
16*	R650738	-	Bolt, 3/8-16 x 1-3/4	2
17*	R654190	8495	Hand Grip, 7/8	2
18	R654555.1	480285	Hour Meter, NEW	1
19*	U422927	82489	Kill Switch	1
20	P650100	-	Bolt, 1/4-20 x 2 SS	4
21*	R651216	13291	Lock Nut, 1/4-20	4
22	P000098.2	-	Decals, Frame	1

Note: All Item # with \* are included in assembly.



## Handlebar Control Group

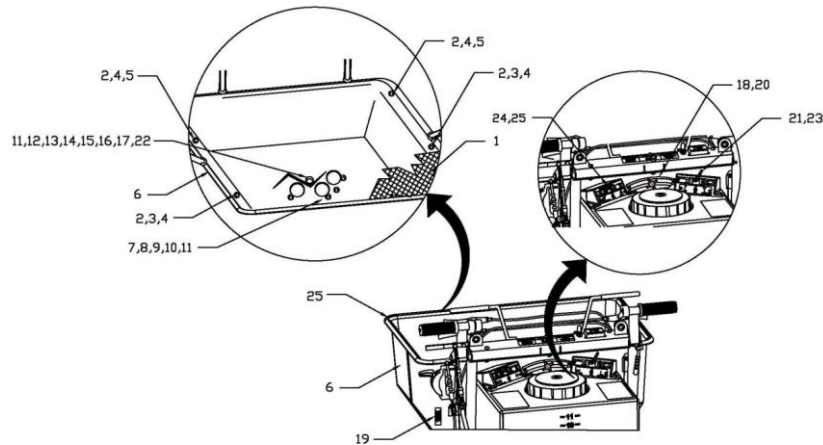


**VIEWED FROM FRONT**

Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P100267	-	C3C-Bellcrank Operating Assembly	1
2	P654136	-	Lever, Throttle	1
3	P652025	-	Bronze Flange Bushing 3/8x1/2	2
4	P654137	-	Lever, Spray	1
5	P654160	-	Service Brake Lever	1
6	R344337	480324	Switch plate	1
9	R651601	480246	Cotter pin 3/32-1/2"	1
10	N/A	-		1
11	U654191	82529	Grips, 3/8 Foam	2
12	P654135	-	Cable, Handle Release	1
13	P654150	82706	Cable, Spray	1
14	P654151	82707	Cable, Throttle	1
15	P654154	-	Main Service Brake Cable	1
16	P654156	-	Steering Brake Cable	2
17	P654165	-	Hopper Control Cable Assembly	1
18	R651206	70027	Lock Nut, 10-24	2
19	P645204	-	Lock Nut 10-32	1



## Hopper Inside & Rate Control Group

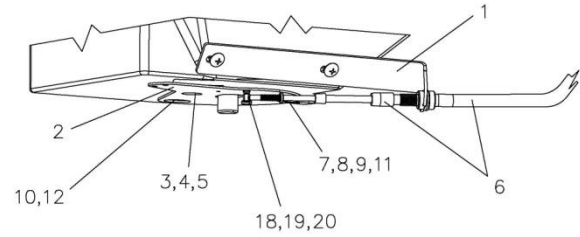
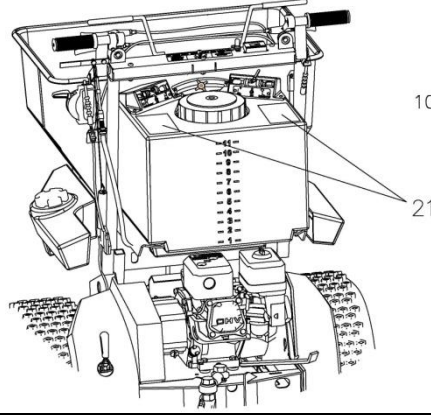
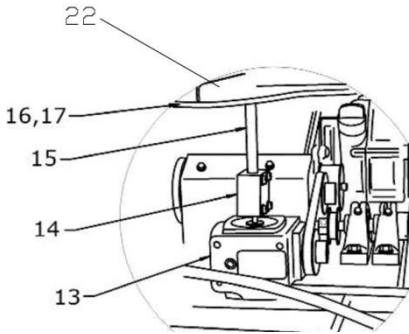


Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P100265	-	Hopper Screen	1
2*	R650620	480437	Bolt, 1/4-20 x 3/4	4
3*	R651420	480345	Stainless Washer, 1/4	2
4*	R651216	13291	Lock Nut, 1/4-20	5
5	U422916	60046	Screen Clip	2
6*	P422917	-	Hopper, Raw	1
*	P422917.2		C3C-09 New Hopper Assembly	
7*	650424	-	Round head screw 1/4-20x1ss	1
8*	P651973	-	Flange Bushing nylon,3/8x1/2x3/4	1
9*	R651216	13291	Lock Nut, 1/4-20	1
10*	R651420	480345	Stainless Washer, 1/4	3
11*~	U422896	-	Nylon Washer, 3/8	5
12*~	R651590	480377	Cotter Pin, 1/8 x 1/2	1
13*~	T422400	82701	Perma Green Agitator Kit-REPLACE P100105	1
14*	T100103	-	Perma Green Agitator Cam & Shaft-REPLACE P100100	1
15*	R651210		10 x 24 Thin Nut	3
16*	P651972		Flange Bushing Nylon,1/4x3/8x3/8	1
17*	R422706		Nylon Washer	2
18*	P100390		Rate Central Arm	1
19	P000098.1		Decals, Hopper	1
20*	P100395	-	Rate Control Plate	1
21*	P205015	-	Rate Adjustment Knob	1
22*	R422706	480395	Nylon Washer	2
24*	U650102	-	Screw, 10-24 x 5/8	2
25*	R651206	70027	Lock Nut, 10-24	2
26	P432301	-	PG-Magnum Hopper Cover	1

Note: All Item # with \* are included in assembly. All items with ~ are in kit.



## Hopper Open/Close Group

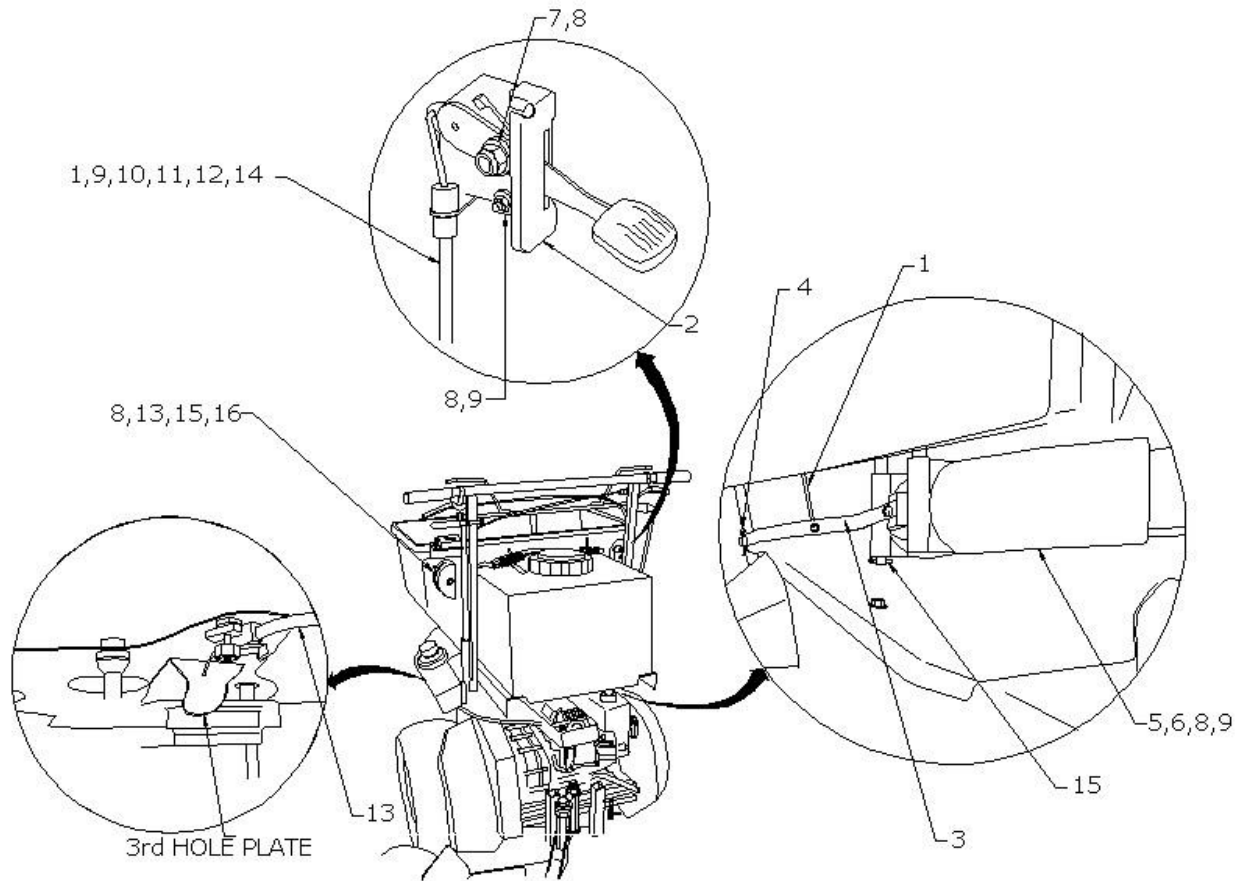


Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P100552	-	Hopper Cable Plate	1
2	YXXXP100448	-	C3C-Shut off Plate	1
3	P645235	-	Screw, Flat Head, 10-24x3/4	2
4	P645230	-	Urethane Washer, #10	2
5	P645220	-	Counter Sink Washer, #10	2
6	P654165	-	Hopper Control Cable Assembly	1
7	P100443	20511	Shut Off Plate Clamp	1
8	P645204	-	Lock Nut 10-32	2
9	P654153	82709	Cable, Third Hole	1
10	P422918	-	Spacer	1
11	P652465	-	3/16 Female Rod End	1
12	P422920	-	Screw, Sheet Metal, #8 x 3/8	1
13~	P422934	-	Gear Box KIT NEW	1
14	P651965	-	Shaft assembly Block	1
15*	P422915	-	Spinner Shaft Assembly	1
16	T000314	30317	Lesco Impeller and Cam Kit-	1
17	C432135	82459	Spinner Platter pin	1
18	R650428	480445	Screw, 1/4-20 x 1-1/2	1
19~	R651216	13291	Lock Nut, 1/4-20	1
20	R651206	70027	Lock Nut, 10-24	1
21	P000098	-	Decals, Tank	1
22	T000314	-	Lesco Impeller and Cam Kit-Original Platter	1
22*	T422100	-	Spinner Platter-Replacement Double Sided	1
*	P422916	-	Mag Spinner Kit	1

All Item # with \* are in kit. All Item # with ~ are in kit.



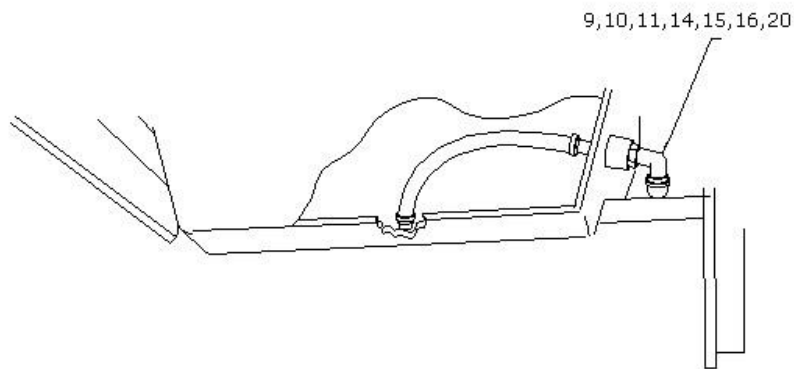
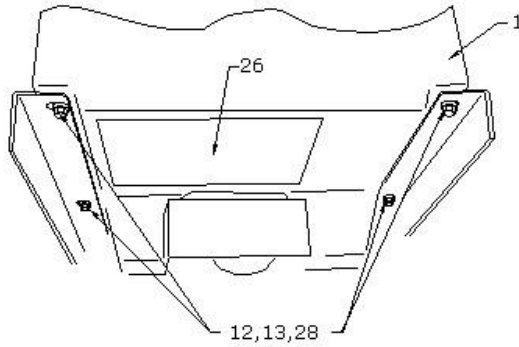
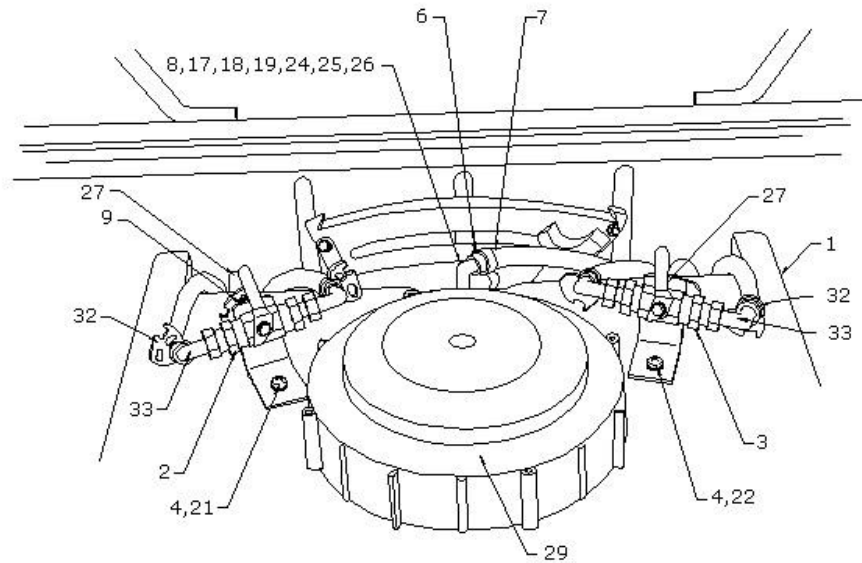
## Fertilizer Deflector & Remote Control Group



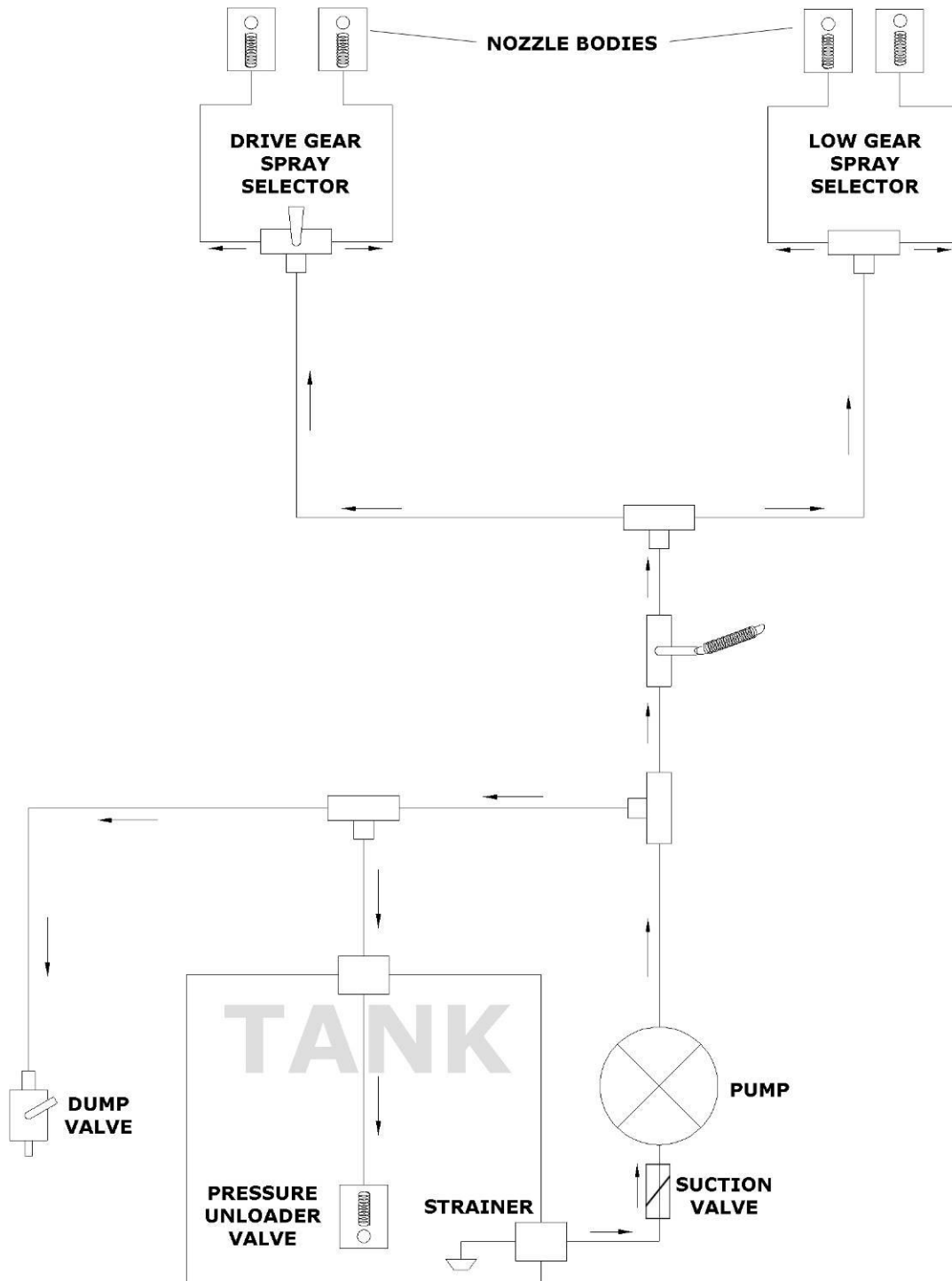
Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P654152	-	Cable, Deflector	1
2	P654152	82708	Cable, Deflector	1
3	P100235	-	Deflector Link	1
4	R651601	480246	Cotter pin 3/32-1/2"	1
5	U422931	82494	Deflector	1
6	650424	-	Round head screw 1/4-20x1ss	1
7	R651216	13291	Lock Nut, 1/4-20	3
8	R650420	480446	Screw, 1/4-20 x 3/4	1
9	R651206	70027	Lock Nut, 10-24	1
11	R654138	480374	Conduit Clip	1
12	R650400	480448	Screw, 10-24x3/4	1
13	P654153	82709	Cable, Third Hole	1
14	R650428	480445	Screw, 1/4-20 x 1-1/2	1
15	R651590	480377	Cotter Pin, 1/8 x 1/2	1



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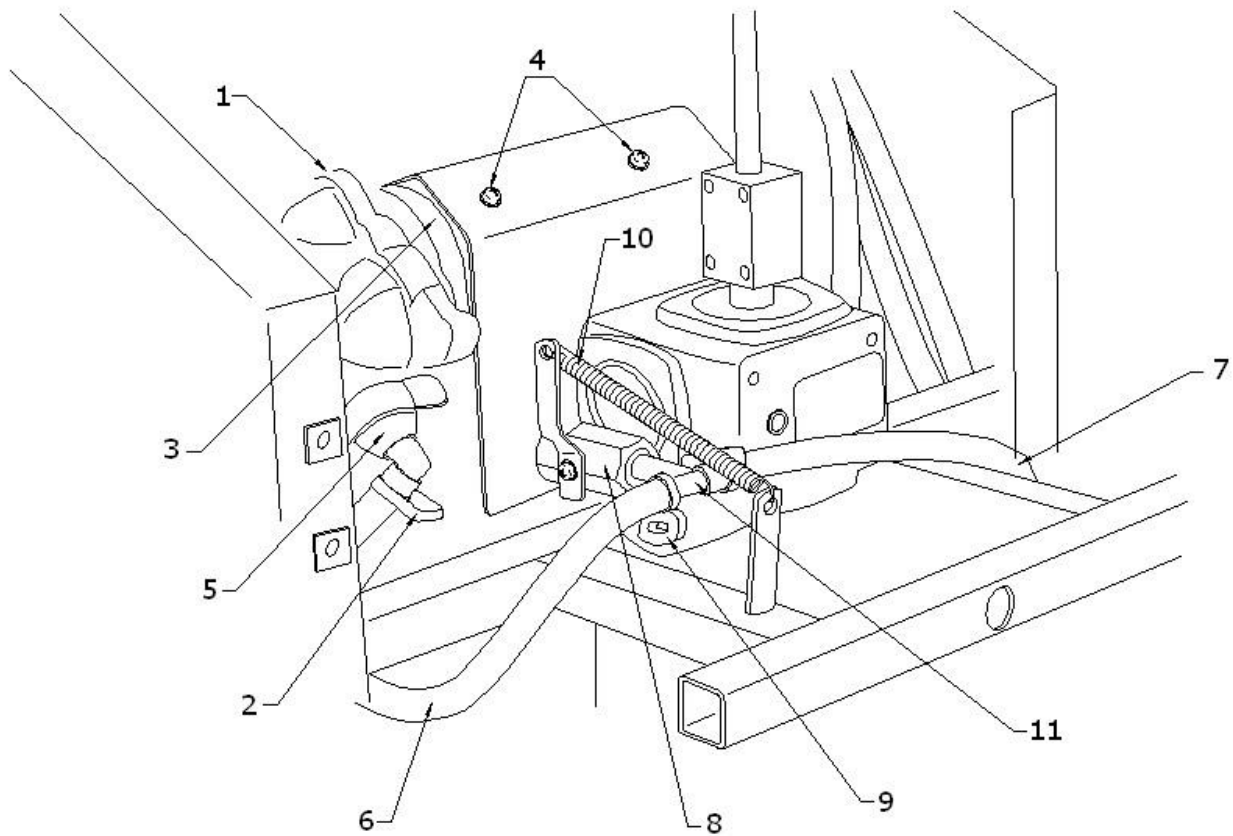
## PLUMBING DIAGRAM





## Spray Tank Plumbing Group (continued)

Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P204943	-	Magnum 12 Gallon Tank Kit	1
2	R480022	-	Valve, 3 Way	1
3	R480022	-	Valve, 3 Way	1
4	P645103	-	Screw, #14 w/Seal Washer 3/4	4
6	R481243	480356	Hose Clamp, #38	1
7	R363222	-	Hose, 3/8 id	1
8	R454023	480348	L-Fitting, 1/4mpt x 3/8 Hose	1
9	R481243	480356	Hose Clamp, #38	1
10	R363222	-	Hose, 3/8 id	1
11	R454023	480350	L-Fitting, 1/4mpt x 3/8 Hose	2
12	R650420	480445	Screw, 1/4-20 x 3/4	4
13	R651480	60058	Lock Washer, 1/4	4
14	R481243		Hose Clamp, #38	1
15	R363222	-	Hose, 3/8 id	1
16	R451090	480366	Tank Strainer	1
17	R481243	480354	Hose Clamp, #38	2
18	R363222	-	Hose, 3/8 id	1
19	R466440	480361	Unloader Valve, 20 PSI	1
20	R452222	480349	Fitting, 1/4mpt x 3/8 Hose	1
	P100606	-	Valve bracket, left	1
	P100607	-	Valve Bracket, right	1
24	R452220	480347	Fitting, 1/4mpt x 1/4 Hose	1
25	R454002	480346	Fitting, 1/4fpt x 1/4 Hose	1
26	P205012	-	Two-Way Ball Valve	1
27	454004	-	1/4fpt x 3/8hb nylon fitting	2
28	P204935	-	Tank Spacer	4
29	P204946	480368	Lid, 12 Gallon	1
30	R466448	010977/480358	Diaphragm, Standard	1
31	R466442		Pressure Cap, 20 PSI	1
32	R481246	480354	Hose Clamp, #26	2
33	R454022	480348	L- Fitting, 1/4mpt x 1/4 Hose	2

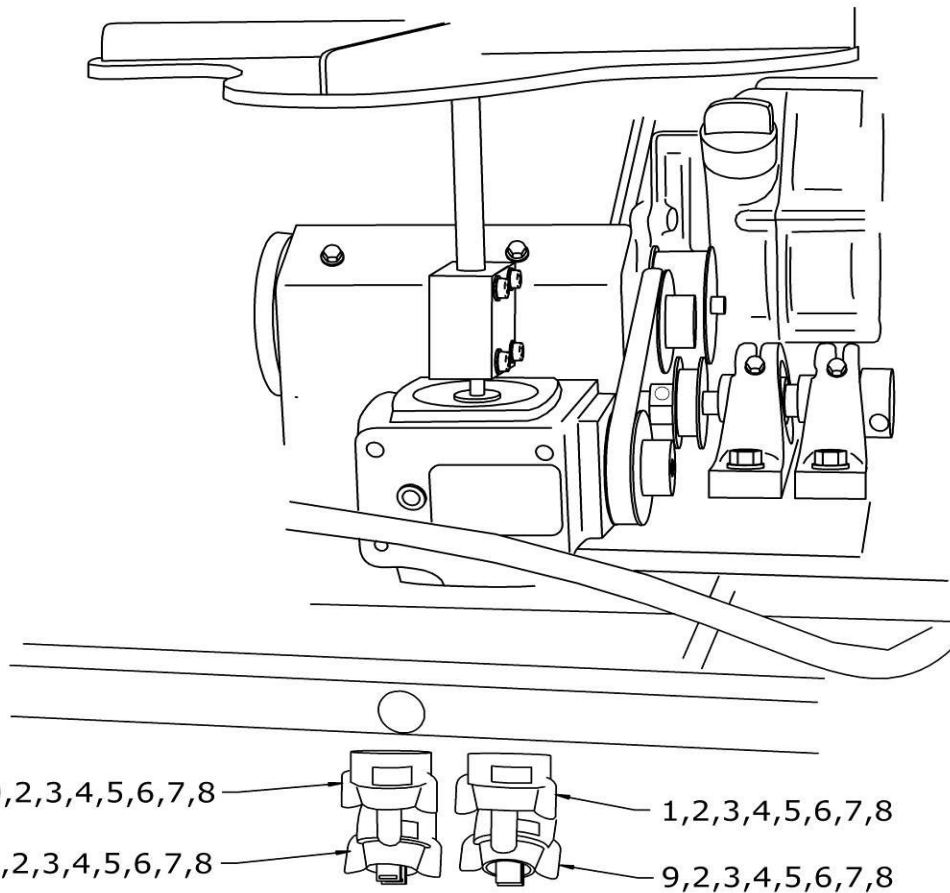


Item #	Perma Green #	LESCO SKU	Description	Quantity
1	R363222	-	Hose, 3/8 id	
2	R481243	480356	Hose Clamp, #38	
3*	P442068	-	Pump NEW KIT	1
4*	P442058	-	Mounting Screw-Flojet	2
5*	P442065	-	Elbow Fitting - Flojet	2
6	R363222	-	Hose, 3/8 id	1
7	R363222	-	Hose, 3/8 id	1
8~	P500125.1	-	Spray Valve KIT NEW	1
9	R481243	480356	Hose Clamp, #38	2
10	P205020	-	Spring, 3"	1
11~	P000425	-	Tee Fitting 1/4"mpt x 3/8" T	1

All Item # with \* are in kit.      All Item # with ~ are in kit.



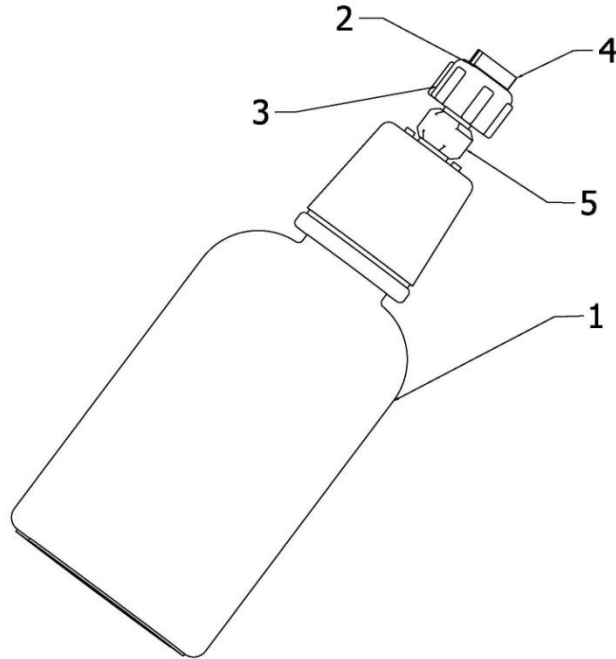
## Spray Nozzle Group



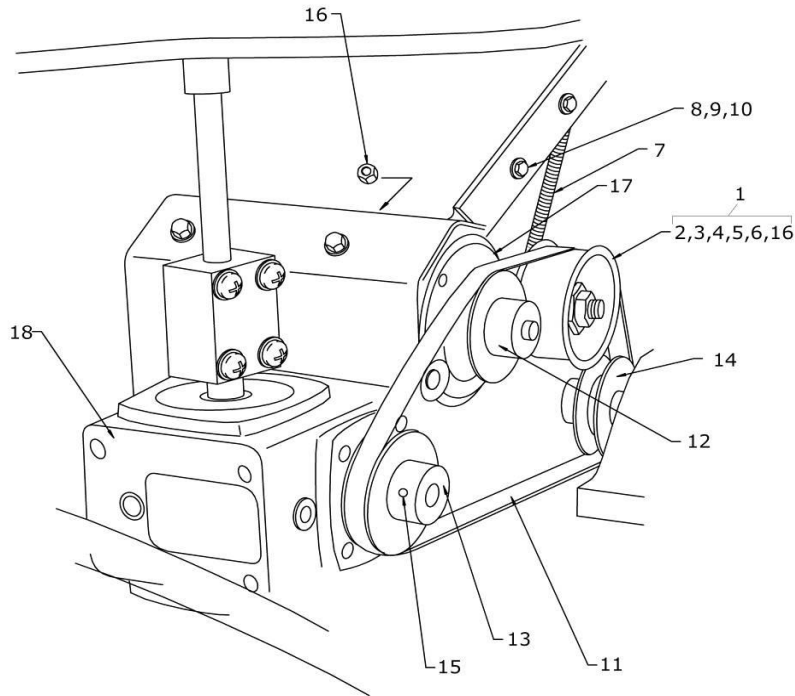
Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P205005	20681	Nozzle, High Gear Broadcast(SS-BLUE)	1
2	R466625	480211	Cap & Gasket, White	4
3	R466620	480359	Gasket	4
4	R464724	5173	Nozzle Strainer, 50 Mesh	4
5	R466222	10923	Nozzle Body, 8 PSI	4
6	R454002	480346	Fitting, 1/4ft x 1/4 Hose	4
7	R466444	480357	Pressure Cap, 8 PSI	1
8	R466448	480358	Diaphragm, Standard	1
9	P205000	-	Nozzle, High Gear Trim (Plastic Blue)	1
10	P205006	-	Nozzle, Low Gear Broadcast (SS-BLUE)	1
11	P205001	-	Nozzle, Low Gear Trim	1



## Squeeze Bottle Group



Item #	Perma Green #	LESCO SKU	Description	Quantity
1	R372034		Squeeze & Spray	1
2	R464724	5173	Nozzle Strainer, 50 Mesh	4
3	R467010		Nozzle Cap	1
4	465124		xr110015vp nozzle (Plastic-Green)	1
5	372037		1/8 TT Bras Fitting	1



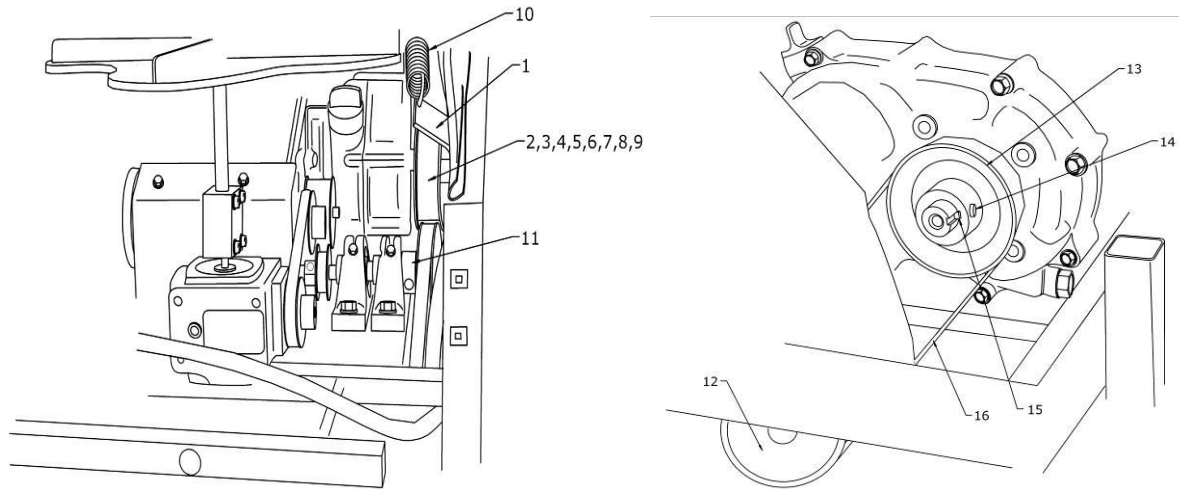
Item #	Perma Green #	LESCO SKU	Description	Quantity
1*	P651199	-	Idler Pulley KIT, Spinner	
2*	P651199	-	Idler Pulley KIT, Spinner	1
3*	P650102	-	Bolt, 3/8-16 x 2	1
4	R651483	480442	Lock Washer, 3/8	1
5*	P645203	-	Lock Nut, 3/8-16	1
6*	P651199	-	Idler Pulley KIT, Spinner	1
7	R654504	480334	Spring	1
8*	R650620	480437	Bolt, 1/4-20 x 3/4	1
9*	P651202	-	Flange Bushing Bronze 1/4x3/8	1
10	R651206	70027	Lock Nut, 10-24	1
11	P653793	82705	V-Belt, Spinner	1
12~	P653606	-	V-Pulley, 3L 2.5 x 5/16-w-2set screws	1
13+	P653605	-	V-Pulley, 3L 2.0 od x 3/8" w-set screws	1
14%	P653605	-	V-Pulley, 3L 2.0 od x 3/8" w-set screws	1
15+	R650221	-	Cone Set Screw, 1/4-20 x 1/2	1
16*	R651216	13291	Lock Nut, 1/4-20	4
~	P442068	-	Pump NEW KIT	1
+	P422934	-	Gear Box KIT NEW	1
%	P100272	-	Jackshaft Assembly	1

\* ~ + % any Item # with these symbols are included in or on the kit or assembly.



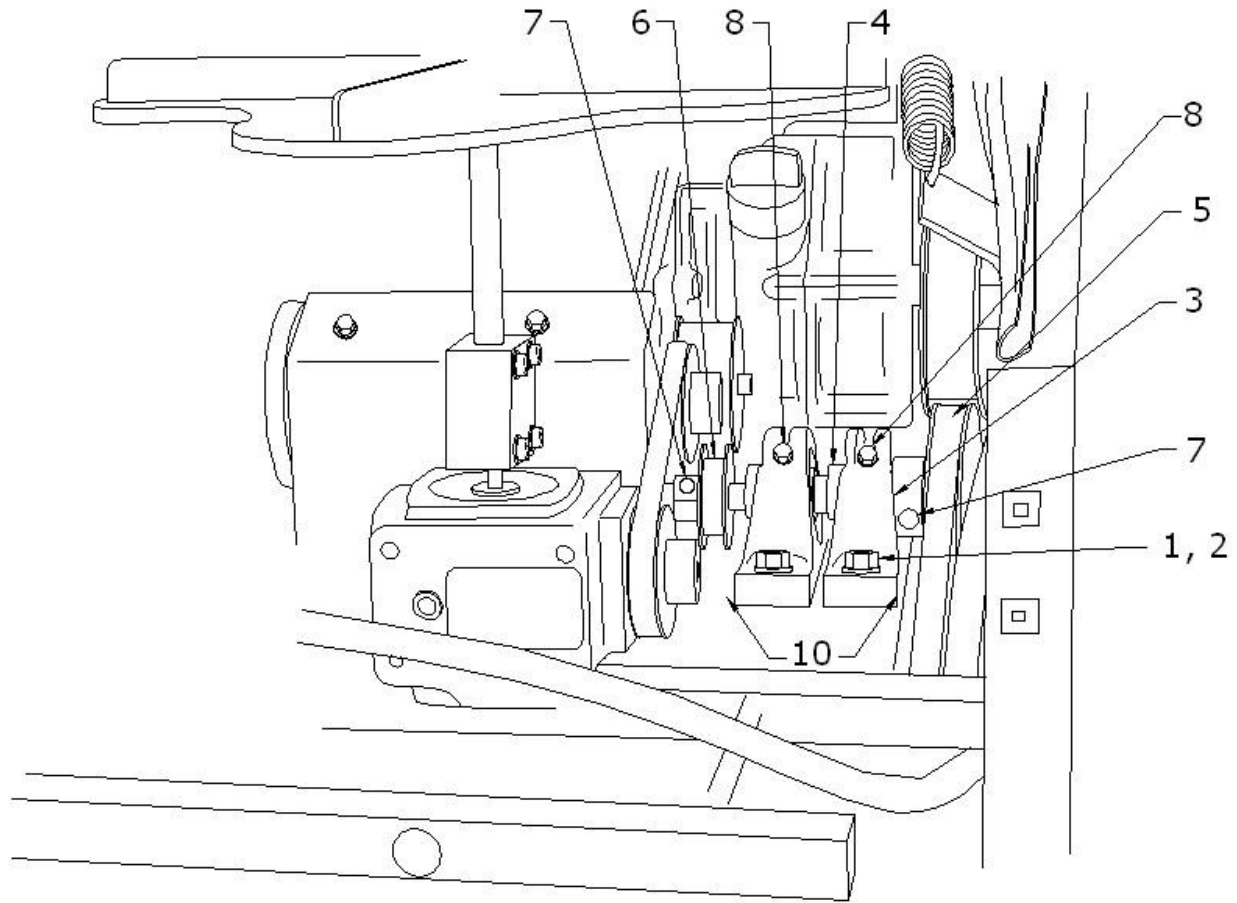


## Power Transmission, Drive Belt Group



Item #	Perma Green #	LESCO SKU	Description	Quantity
1*	P651201	480204	Idler Pulley KIT - Drive	1
2*	P651201	480203	Idler Pulley KIT - Drive	1
3*	R650738	8495	Bolt, 3/8-16 x 1-3/4	1
4	R651483	480442	Lock Washer, 3/8	1
5*	P645203	-	Lock Nut, 3/8-16	1
6*	P651201	-	Idler Pulley KIT - Drive	1
7*	P651202	-	Flange Bushing Bronze 1/4x3/8	2
8*	R651216	13291	Lock Nut, 1/4-20	1
9*	R651420	480345	Stainless Washer, 1/4	1
10	R654504	480334	Spring	1
11	P653602	-	V-Pulley, A3.00 x 3/4"	1
12	P653601	-	V-Pulley, A3.50 x 3/4"	1
13	P653600	-	V-Pulley, A3.50 x 22 mm	1
14	R650222	-	Set Screw, 5/16-18 x 1/2	1
15	P651645	-	7mm x 7mm undersized 1-1/4 cut	1
16	P653792	-	V-Belt, Drive	1
17	R651628	480288	3/16 x 1-1/2 Machinery Key	1
18	P651650	-	Key, Woodruff 606 3/16 x 3/4	1

\* Item# with this symbol are include in Assembly

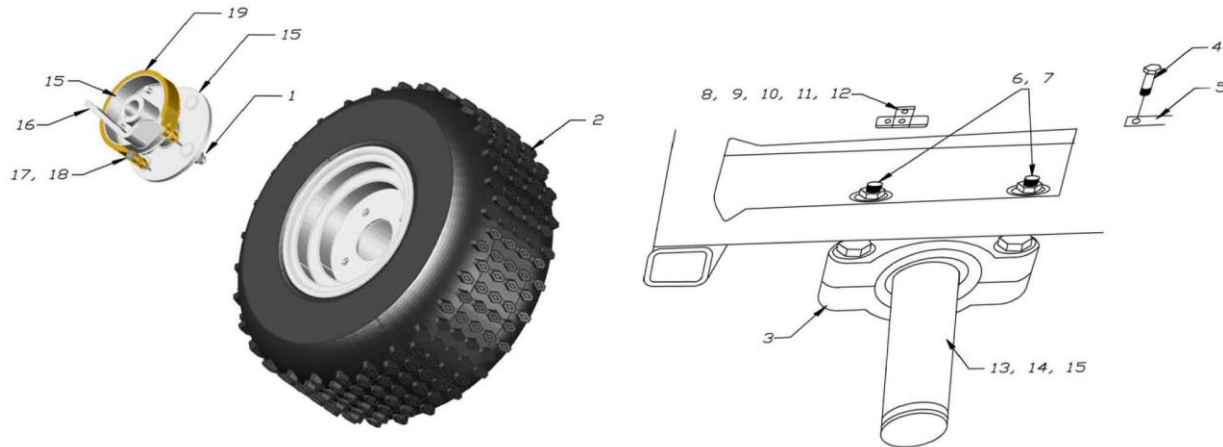


Item #	Perma Green #	LESCO SKU	Description	Quantity
1	R650718	11437	Bolt, 3/8-16 x 3/4	4
2	R651483	480442	Lock Washer, 3/8	4
3*	P651962	-	Pillow Block	2
4*	P100270	-	Jackshaft	1
5*	P653602	-	V-Pulley, A3.00 x 3/4"	1
6*	P653605	-	V-Pulley, 3L 2.0 od x 3/8" w-set screws	1
7	N/A	-		2
8	N/A	-		2
9*	P651650		Key, Woodruff 606 3/16 x 3/4	1
10*	P100272		Jack Shaft Assembly	

\* Item# with this symbol are include in Assembly

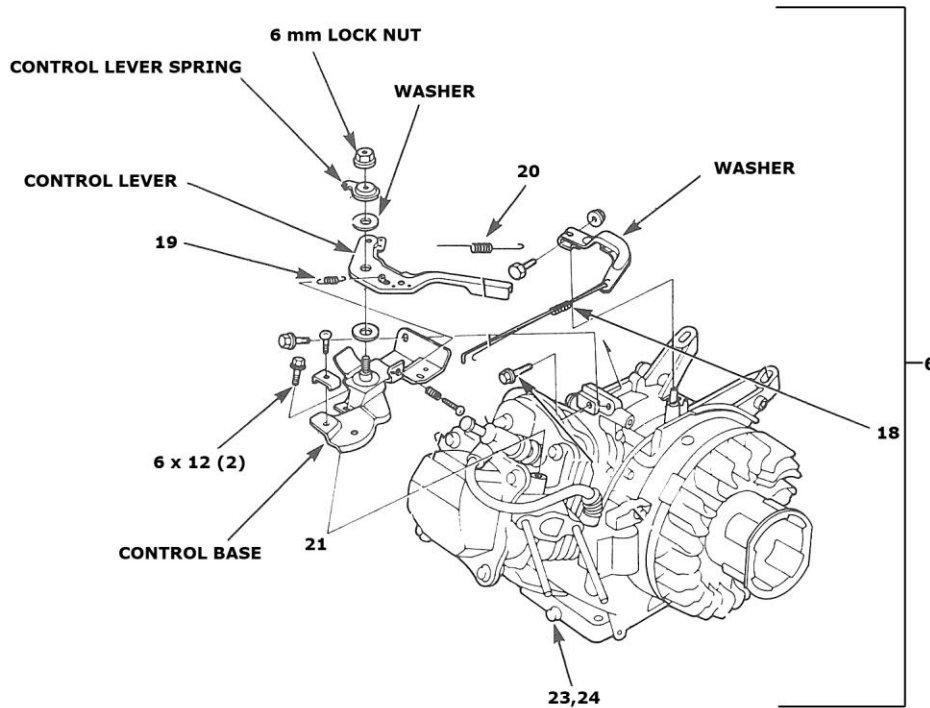
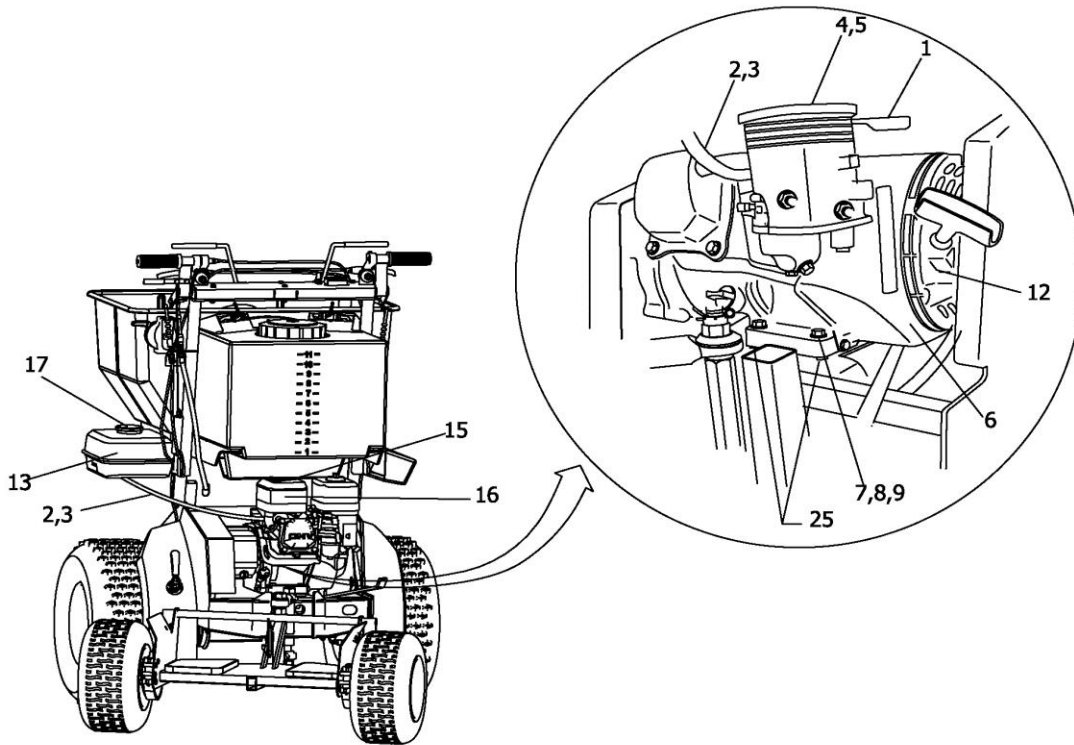


## Power Transmission, Transaxle Group



Item #	Perma Green #	LESCO SKU	Description	Quantity
1*	R651404	82475	Lug Nut, 1/2	8
2	P654824	480402	Tire & Rim, 18/950	2
3*	P210102	-	C3C-SS Transaxle Assembly KIT-NEW	1
4*	R650100	480440	Bolt, Self Tapping 5/16-18x5/8	1
5	P100180	-	Torque Strap	1
6*	R650690	480439	Bolt, 5/16-18 x 3-1/4	4
7*	R651214	480441	Lock Nut, 5/16-18	4
8*	P100175	-	Shift Lever, Bracket	1
9*	P210110	-	Bolt, 1/4-28x1/2 Hardened	1
10*	P650102	-	Bolt, 3/8-16 x 2	1
11*	P645203	-	Lock Nut, 3/8-16	1
12	P100425	-	Shift Rod	1
13*	P651512	-	Washer, 1" x 18 gauge .048	4
14*	P651705	-	E Clip, 1"	2
15*	P654725	-	H451DFLGP28BD-2-Hub w/Drum	2
16*	P100388	-	C3C-Brake Band Holder, Left	1
*	P100389	-	C3C-Brake Band Holder, Right	1
17	P651780	-	5/16 x 2 Clevis Pin	2
18*	R651590	480377	Cotter Pin, 1/8 x 1/2	2
19*	R422055	480242	Brake Bands	2

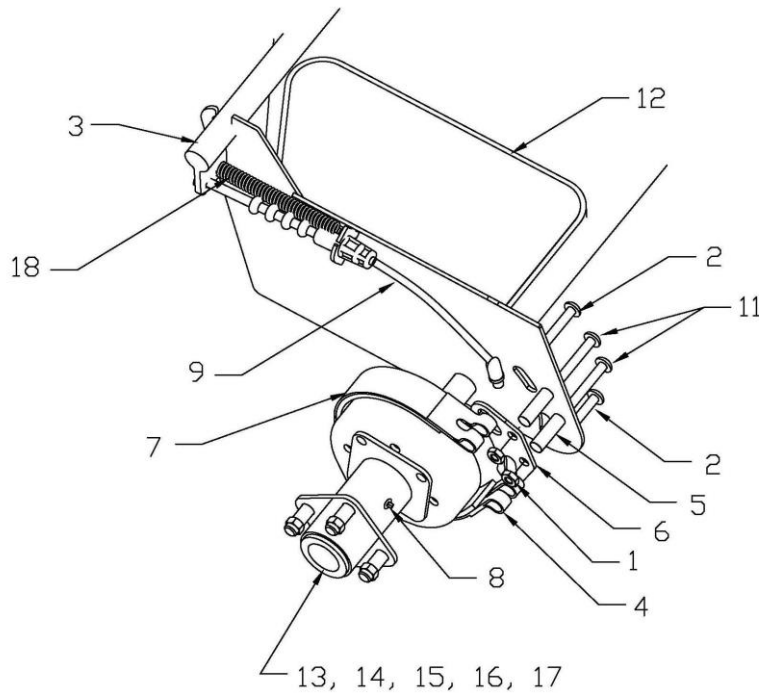
\* Item# with this symbol are include in Assembly-KIT





## Power Transmission, Engine Group (continued)

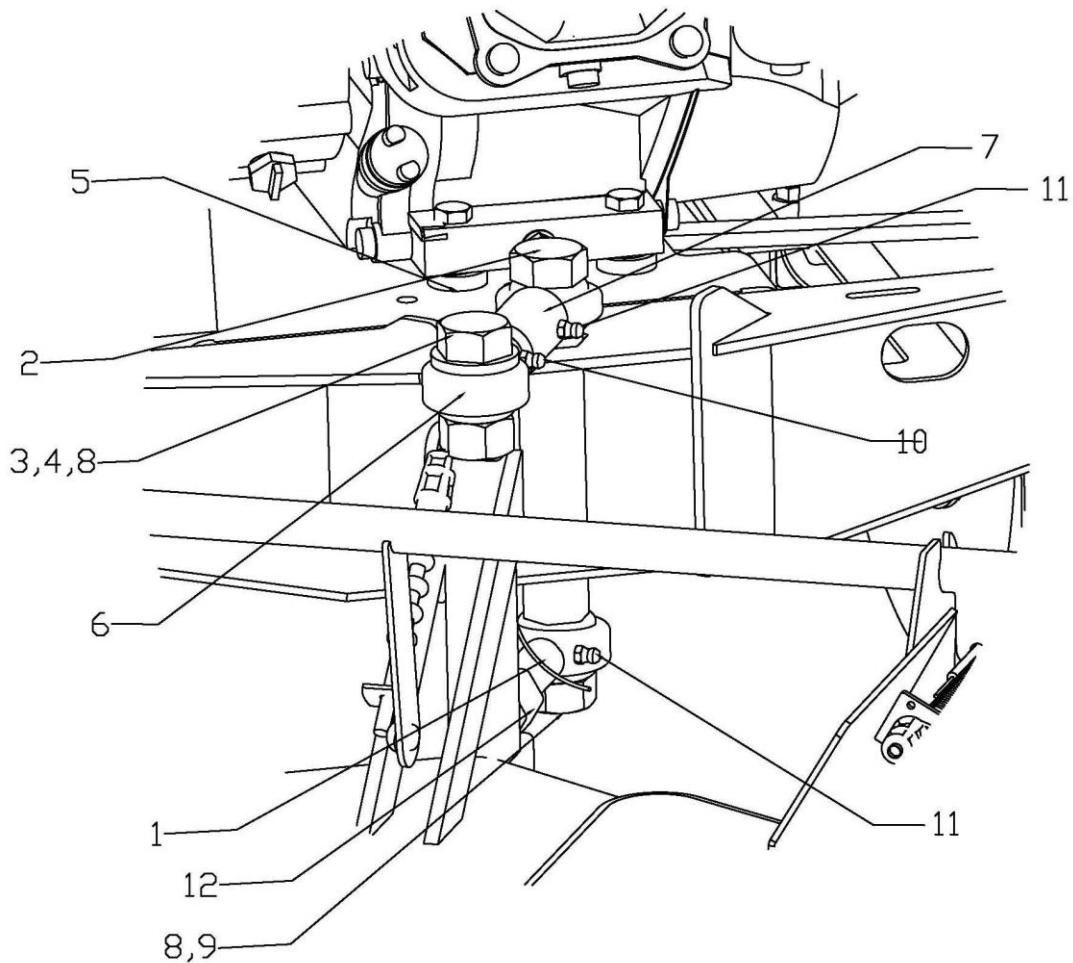
Item #	Perma Green #	LESCO SKU	Description	Quantity
1	R654282	480314	Spring, Throttle Spring	1
2	P454100	-	3/16 male 2 male hose mender	1
3	P449214	-	Fuel Line-2009	1
4	P449202	-	Air Cleaner Cover	1
5	P449203	82702	Air Filter	1
6	N/A	-		1
7	R650665	-	5/16-18x1-3/4 hex bolt	4
8	651422	-	Washer 5/16	4
9	R651482	480443	Lock Washer, 5/16	4
10	P449241	-	Air Cleaner Base	1
11	R481246	-	Hose Clamp, #26	2
12	P449201.1	-	Steel Re-Wind Start	1
13	P500150	-	C3C-SS Gas Tank Assembly	1
15	P449207	-	Muffler Cap	1
16	P449238.1	-	Muffler Cover Assembly	1
17	P449211	-	Gas Cap (Plastic)	1
18	P449219	-	Spring, Honda Throttle Return	1
19	P449227	-	Spring, Return (starter)	
20	P449218	-	Spring, Governor	
21	P449208	82703	Spark Plug	
22	P449215	-	Carburetor	
23	P449242	-	Drain Plug	
24	P449243	-	Drain Plug Washer	
25	P100160	-	Engine Spacers	4



Item #	Perma Green #	LESCO SKU	Description	Quantity
1	R651216	13291	Lock Nut, 1/4-20	4
2	P651780	-	5/16 x 2 Clevis Pin	4
3	P100039	-	Brake Rod Assembly	1
4	R651590	-	Cotter Pin, 1/8 x 1/2	2
5	N/A	-		4
6	N/A	-		2
7	R422055	480242	Brake Bands	2
8	R652470	-	Female Grease Zerk-	2
9	P654156	-	Steering Brake Cable	2
10	P654158	-	Sulky Service Cable	1
11	P650100	-	Bolt, 1/4-20 x 2 SS	1
12	P000250	-	Upgrade Foot Pad Kit	1
13	T654685	-	NEW-Small Tire & Rim Assembly	2
14	R654722.01	480397	Roller bearing, 3/4	2
15	R654722.02	480399	Bearing Retainer, 3/4	4
16	R651510	480410	Machine Washer, ,3/4 x 18 gauge	4
17	R651600	480436	Cotter pin 3/16x1ss	2
18	R654504	-	Spring	1
19	R654723	480404	3/4 Rear Hub-Assembly-With LN-56	



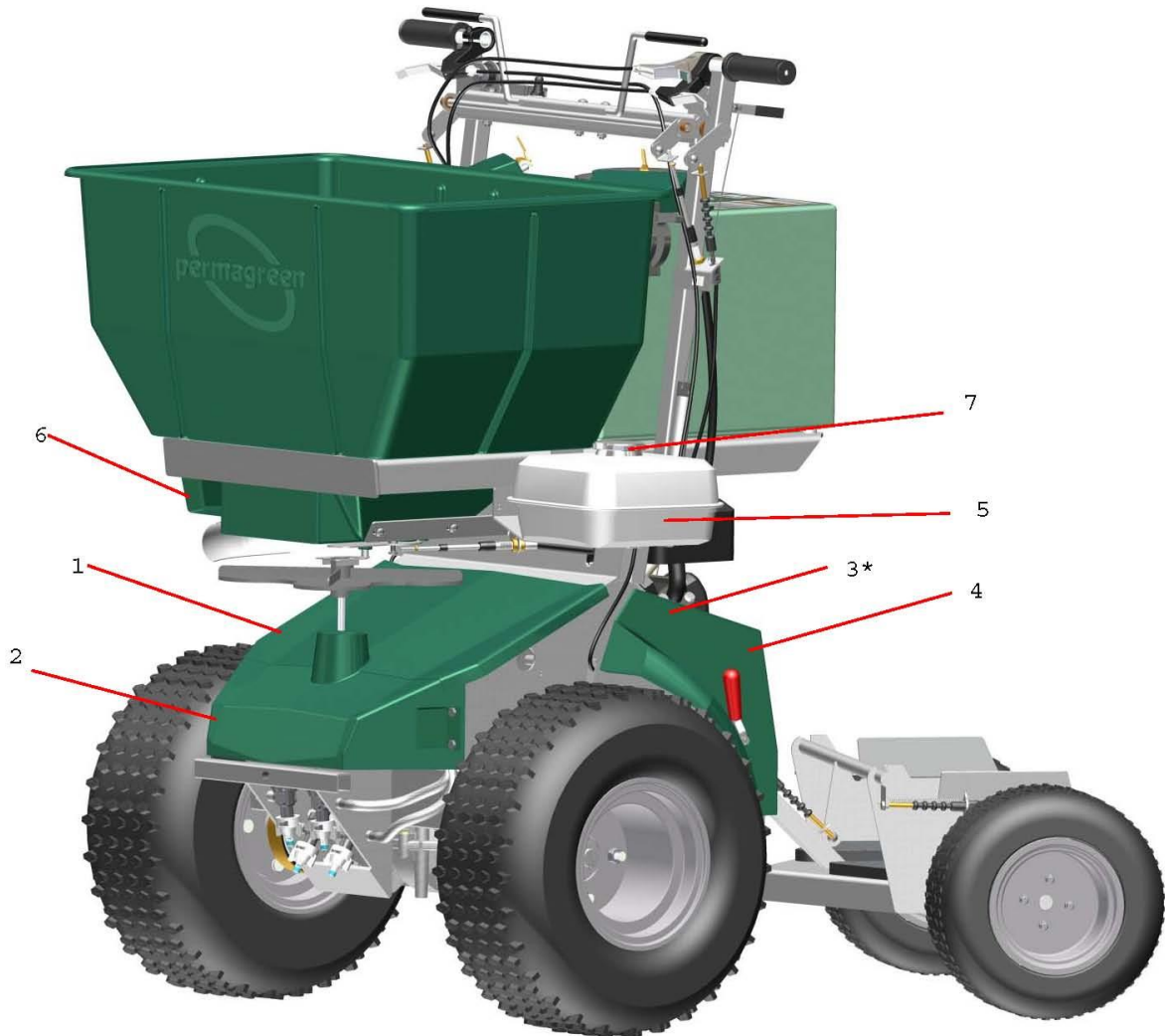
## Sulky, Articulating Joint Group



Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P654050		Safety Wire KIT	1
2	P650948	-	Bolt, 3/4-10 x 1-3/4	1
3	P650948	-	Bolt, 3/4-10 x 1-3/4	1
4	R651485	480239	Lock Washer, 3/4	1
5	P100160	-	Engine Spacers	4
6	T652663	480231	M-Rod End-Hardened	1
7	T652662	480231	F-Rod End-Hardened	1
	T652668	10-32 Grease Zerk-Used on T652662 &T652663 only		
8	R652478	82477	Seal, Rod End	1
9	P100530	-	3/4-10 x 1.75 w-5/32 Hole	1
10	R652474	480238	Zerk, 6-40 for R652472	2
11	R652476	480237	Zerk, 8/32 for R652462	1
12	P100403	-	Rod, Sulky 3/4-16 x 2.5	1

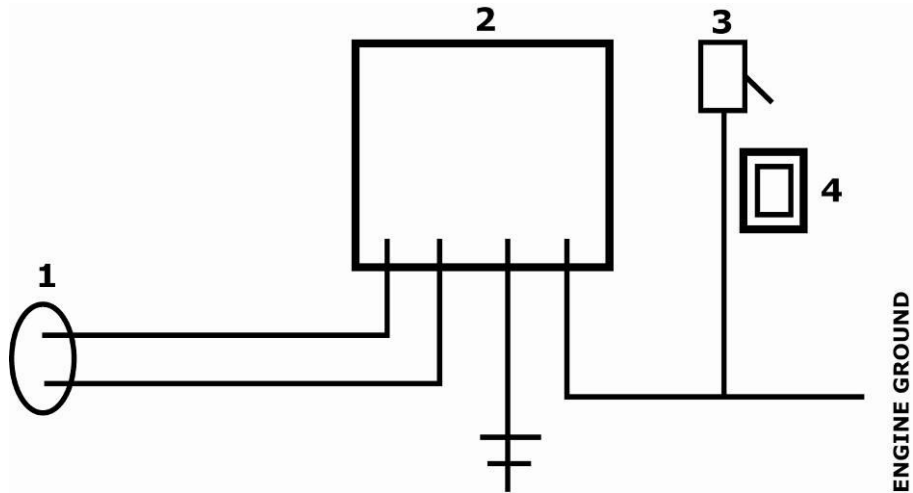


## Body Panel Group



Item #	Perma Green #	LESCO SKU	Description	Quantity
1	P100601	-	Hood	1
2	P100600	-	Nose Piece	1
3	P100603	-	Fender, right	1
4	P100608	-	A1A thru C3C- Fender, Left	1
5	P500150	-	C3C-SS Gas Tank Assembly	1
6	P100605	-	Deflector Cover	1
7	P449410	-	Honda Gas Cap	1





Item #	Perma Green #	LESCO SKU	Description	Quantity
1	R216501	-	Neutral Switch	1
2	P300260	-	C3C-SmartSteer Wiring Harness	2
3	U422927	82489	Kill Switch	3
4	R654555.1	480285	Hour Meter, NEW	1
5	P300203	-	Kill Switch Wire	1