Parts

GMAX™ 3400, GMAX™ II 3900/5900/7900, and TexSpray 5900HD/7900HD Airless Sprayers

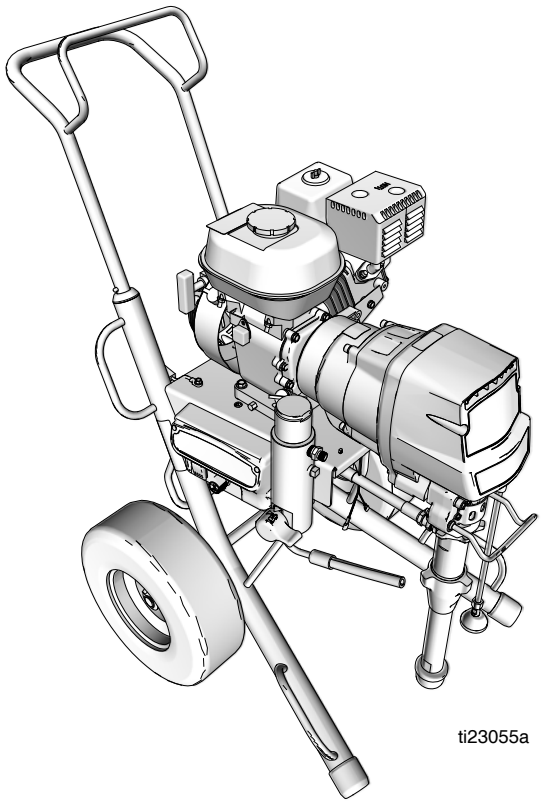
332921H
EN

For professional use only.
Not approved for use in European explosive atmosphere locations.
For the application of architectural paints and coatings.

3300 psi (22.8 MPa, 228 bar) Maximum Working Pressure

Important Safety Instructions
Read all warnings and instructions in this manual.
Save these instructions.

GMAX 3400					
Model:	Standard				
16W863	✔				
GMAX II 3900					
Model:	Standard	ProContractor	Lo-Boy	RentalPro 360G	
16W865	✔				
16W866			✔		
16W867		✔			
16W984				✔	
GMAX II 5900					
Model:	Standard	ProContractor	Lo-Boy	IronMan	Convertible
16W869	✔				
16W870			✔		
16W871		✔			
16W881				✔	
16W873					✔
GMAX II 7900					
Model:	Standard	ProContractor	Lo-Boy	IronMan	Roof Rig
16W883	✔				
16W884			✔		
16W885		✔			
16W987					✔
TexSpray 5900HD					
Model:	Standard	ProContractor			
16W889	✔				
16W882		✔			
TexSpray 7900HD					
Model:	Standard	ProContractor	IronMan		
16W890	✔				
16W888		✔			
16X949			✔		



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Related Manual:
Operation 332919

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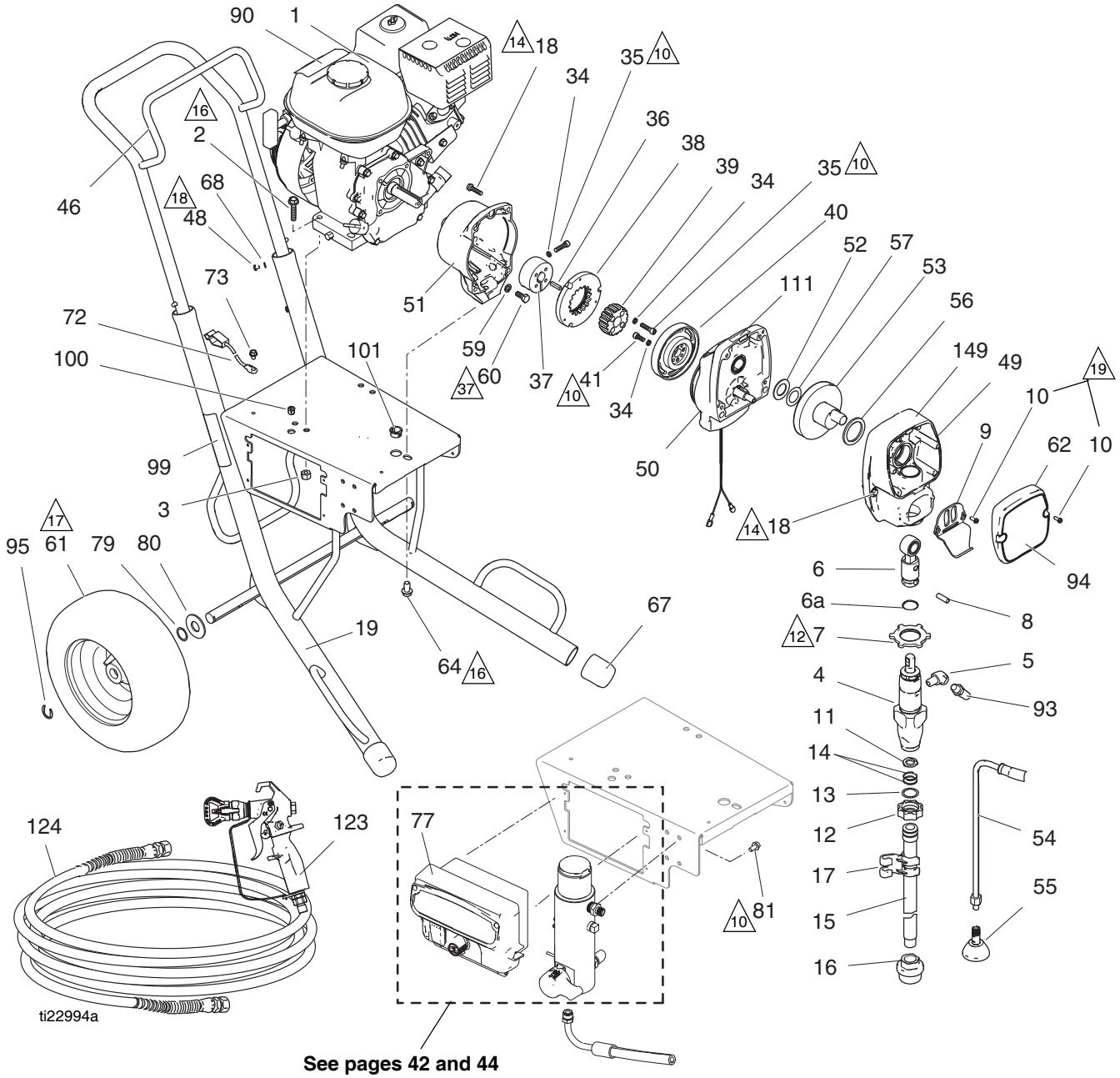
GMAX 3400 Standard Series



See pages 42 and 44

Parts List - GMAX 3400 Standard Series

Ref.	Part	Description	Qty.
1	108879	ENGINE, gasoline, 4.0 HP	1
	25P294	ENGINE, gasoline, 4.0 HP (China only)	1
2	110837	SCREW, flange, hex	2
3	110838	NUT, lock	2
4	246428	PUMP, displacement, st	1
5	119789	FITTING, elbow, street, 45°, 1/4 npt	1
6	287053	ROD, connecting	1
6a	196750	SPRING, retaining	1
7	195150	NUT, jam, pump	1
8	196762	PIN, straight	1
9	15C146	HOOK, pail	1
10	117501	SCREW, mach, hex washer hd	4
11	115099	WASHER, garden hose	1
12	15E813	NUT, jam	1
13	15B652	WASHER, suction	1
14	103413	O-RING	2
15	15E805	TUBE, intake, 3400	1
16	246385	STRAINER, 7/8-14 unf	1
17	276888	CLIP, drain line	1
18	119426	SCREW, mach, hex washer hd	8
19	287411	FRAME, cart, GMAX 3400 hi	1
34	105510*	WASHER, lock, spring (hi-collar)	10
35	108803	SCREW, hex, socket head	6
36	183401	KEY, parallel	1
37	193680	COLLAR, shaft	1
38	*	ARMATURE, clutch, 4 in.	1
39	*	HUB, armature	1
40	*	ROTOR, clutch, 4 in.	1
41	101682*	SCREW, cap, sch	4
46	287489	HANDLE, cart	1
48	109032	SCREW, mach, pnh	4
49	287483	HOUSING, drive, 3400 i*ncludes 9, 10, 18 & grease 110293*	1
50	287376	HOUSING, pinion, 3400	1
51	15E535	HOUSING, clutch, mach, 3400	1
52	116074	WASHER, thrust	1
53	287484	CRANK, GMAX 3400 *includes 52, 56, 57*	1
54	244240	HOSE, coupled, *includes 55*	1
55	241920	DEFLECTOR, threaded	1
56	180131	BEARING, thrust	1
57	107434	BEARING, thrust	1
59	100214	WASHER, lock	4
60	108842	SCREW, cap, hex hd	4
61	119420	WHEEL, pneumatic	2
62	287487	COVER, front, painted, *includes 10*	1
64	112395	SCREW, cap, flng hd	1
67	15C871	CAP, leg	2
68	100020	WASHER, lock	4
72	237686	WIRE, ground assembly w/clamp	1
73	112798	SCREW, thread forming, hex hd	1
77	16X744	BOX, control, GMAX 3400	1
79	116038	WASHER, wave spring	2
80	156306	WASHER, flat	2
81	113161	SCREW, flange, hex hd	3
90▲	194126	LABEL, warning	1
93	241926	HOSE, coupled	1
94	16X353	LABEL, brand	1
95	15E891	CLIP, retaining	2
99▲	15F638	LABEL, warning	1
100	114678	BUSHING, strain relief	1
101	119569	BUSHING, strain relief	1
111▲	290228	LABEL, caution	1
123	288420	GUN, contractor, RAC X, packaged	1
124	240794	HOSE, coupled, 1/4 in. x 50 ft	1
135	15F354	FUNNEL, oil (not shown)	1
149	16X983	LABEL, brand, standard	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

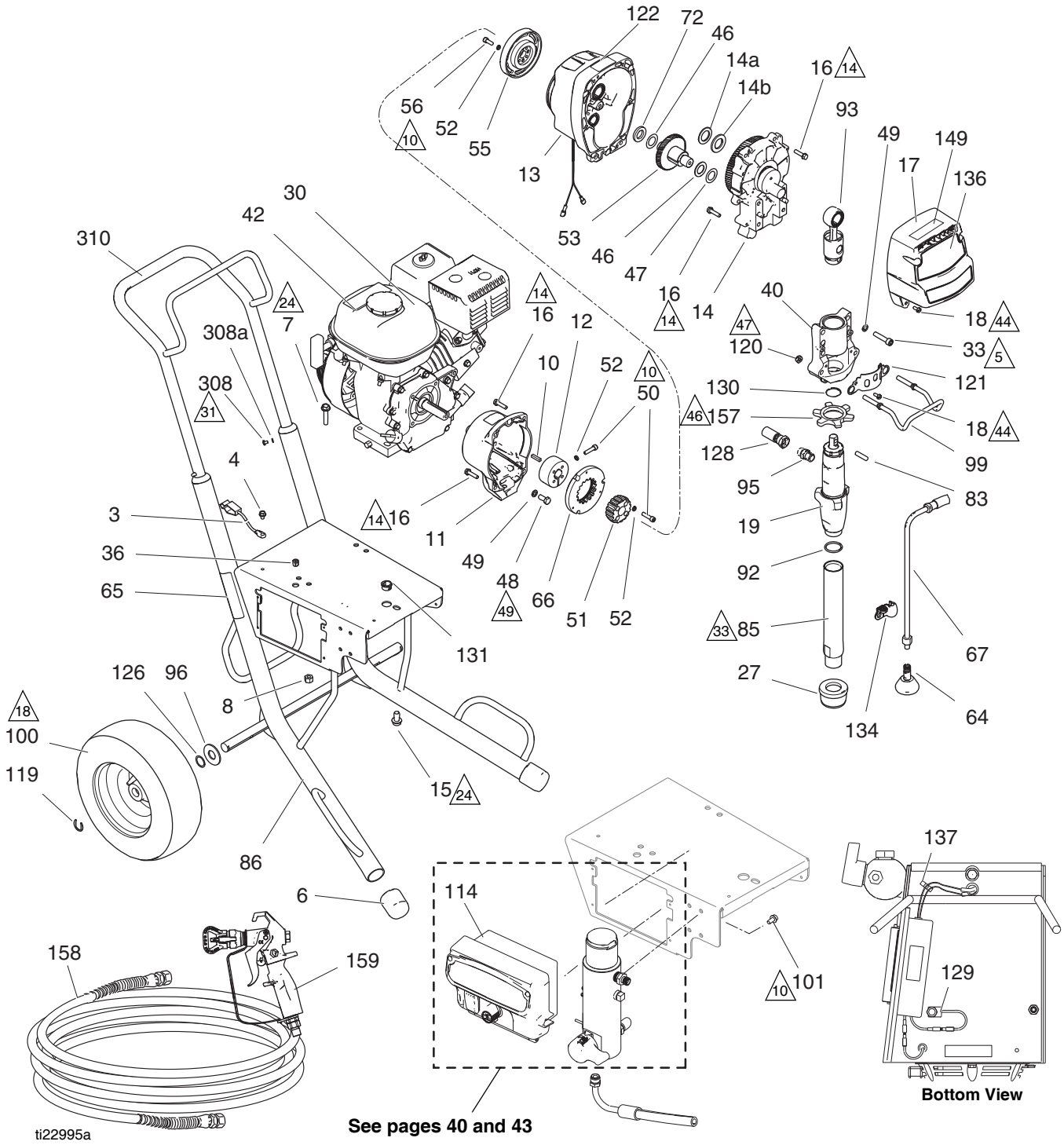
▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

* *Included in Clutch Replacement Kit 241109.*

Part Specifications:

Ref.	Instruction
△10	Torque to 115-135 in-lb (12.9-15.2 N•m)
△12	Torque to 70-80 ft-lb (94.9-108.4 N•m)
△14	Torque to 130-150 in-lb (14.6-16.9 N•m)
△16	Torque to 17-23 ft-lb (23.0-31.1 N•m)
△17	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
△18	Torque to 25-35 in-lb (2.8-3.9 N•m)
△19	Torque to 30-35 in-lb (3.3-3.9 N•m)
△37	Torque to 170-190 in-lb (19.2-21.4 N•m)

GMAX II 3900 Standard Series/Rental Pro 360G



Parts List - GMAX II 3900 Standard Series/Rental Pro 360G

Ref.	Part	Description	Qty.
3	237686	WIRE, ground assembly w/ clamp	1
4	112798	SCREW, thread forming, hex hd	1
6	15C871	CAP, leg	2
7	110837	SCREW, flange, hex	2
8	110838	NUT, lock	2
10	183401	KEY, parallel	1
11	15E535	HOUSING, clutch, machine	1
12	193680	COLLAR, shaft	1
13	287463	HOUSING, pinion, 3900	1
14	287467	HOUSING, drive, 3900, *includes 14a, 14b*	1
14a	116191	WASHER, thrust	1
14b	107089	WASHER, race, thrust	1
15	112395	SCREW, cap, flng hd	1
16	119426	SCREW, mach, hex washer hd	10
17	16Y747	COVER, front, (includes 18)	1
18★	118444	SCREW, mach, slot hex wash hd	6
19	16Y598	PUMP, displacement, *includes 85, 92, 95*	1
27	189920	STRAINER, (1-11 1/2 NPSM)	1
30	108879	ENGINE, gasoline, 4.0 HP	1
33	113467	SCREW, cap, socket hd	4
36	114678	BUSHING, strain relief	1
40★		HOUSING, bearing	1
42▲	194126	LABEL, warning	1
46	114699	WASHER, thrust	2
47	114672	WASHER, thrust	1
48	108842	SCREW, cap, hex hd	4
49★	100214	WASHER, lock	8
50†	108803	SCREW, hex, socket head	6
51†		HUB, armature	1
52†	105510	WASHER, lock, spring (hi-collar)	10
53	287653	GEAR, combination	1
55†		ROTOR, clutch, 4 in.	1
56†	101682	SCREW, cap, sch	4
64	241920	DEFLECTOR, threaded	1
65▲	15F638	LABEL, warning fire and skin, GMAX	1
66†		ARMATURE, clutch, 4 in.	1
67	244240	HOSE, coupled, *includes 64*	1
72	15F250	WASHER, thrust	1
83	15F855	PIN, pump	1
85	15E807	TUBE, intake	1
86	287411	FRAME, standard, cart	1
92	118494	PACKING, o-ring	1
93	241008	ROD, connecting	1
95	196178	FITTING	1
96	156306	WASHER, flat	2
99★	16C457	HANGER, pail	1
100	119420	WHEEL, pneumatic	2
101	113161	SCREW, flange, hex hd	3
114	16X822	BOX, control	1
119	15E891	CLIP, retaining	2
120★	111040	NUT, lock, insert, nylon	2
121★	16X770	SHIELD, pump rod	1
122▲	290228	LABEL, caution	1
126	116038	WASHER, wave spring	2
128	16X909	HOSE, coupled	1
129	119579	CONDUCTOR, ground	1
130	119676	SPRING, retaining	1
131	119569	BUSHING, strain relief	1
134★	278204	CLIP, drain line	1
135	15F354	FUNNEL, oil (not shown)	1
136	16X348	LABEL, front, 3900	1
	16X359	LABEL, front, 360G	1
137	114687	CLIP, retainer	1
149	16X983	LABEL, standard series	1
157	192723	NUT, retaining	1
158	240794	HOSE, coupled, 1/4 in. x 50 ft	1
159	288420	GUN, contractor, RAC X, packaged	1
308	109032	SCREW, mach, pnh	4
308a	100020	WASHER, lock	4
310	287489	HANDLE, cart	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

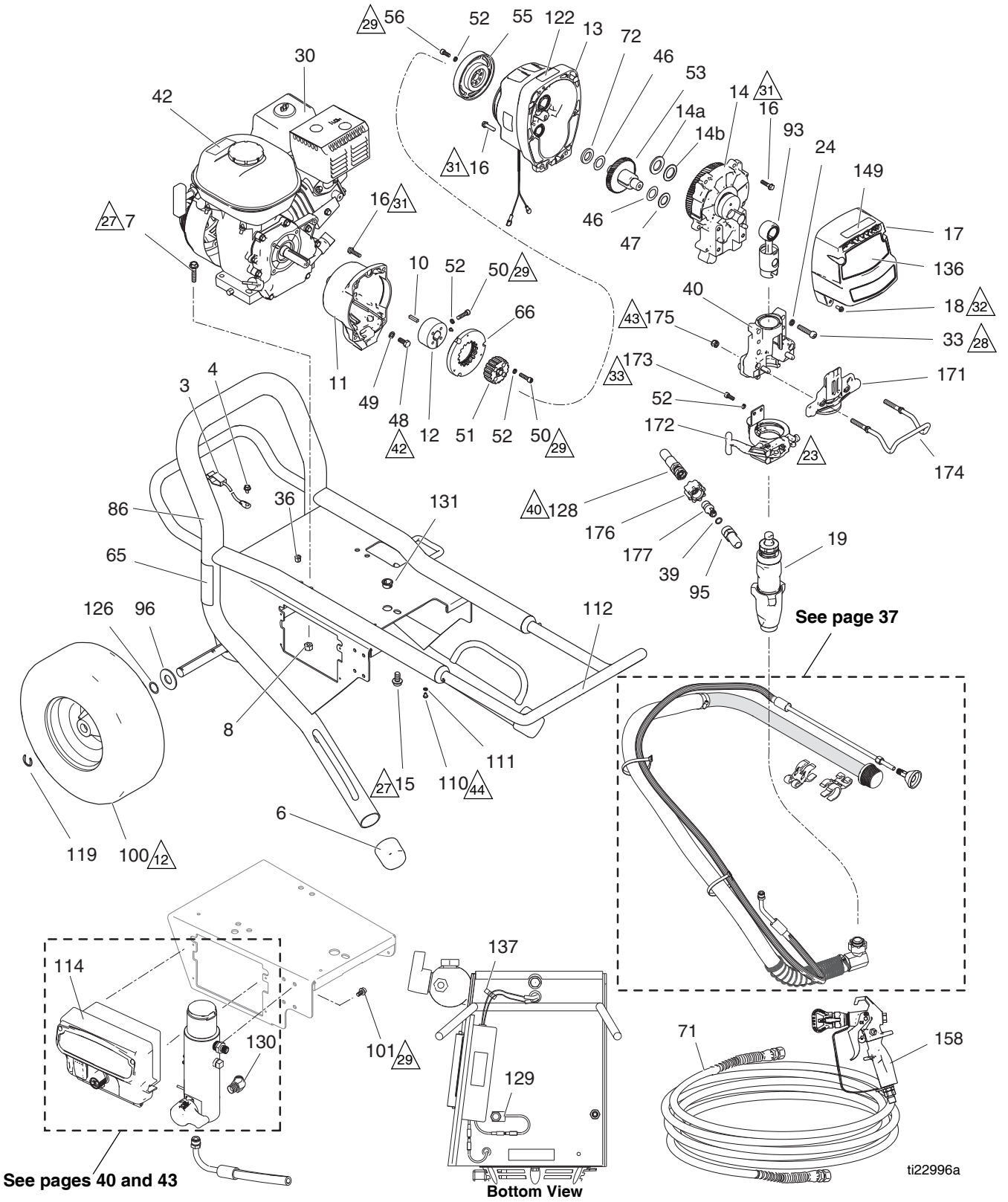
† *Included in Clutch Replacement Kit 241109.*

★*Included in bearing housing kit 24V026*

Part Specifications:

Ref.	Instruction
5	Torque to 190-210 in-lb (21.4-23.7 N•m)
10	Torque to 115-135 in-lb (12.9-15.2 N•m)
14	Torque to 130-150 in-lb (14.6-16.9 N•m)
18	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
24	Torque to 17-23 ft-lb (23.0-31.1 N•m)
31	Torque to 25-35 in-lb (2.8-3.9 N•m)
33	Torque to 70-90 in-lb (7.9-10.1 N•m)
44	Torque to 30-35 in-lb (3.3-3.9 N•m)
46	Torque to 70-80 ft-lb (94.9-108.4 N•m)
47	Torque to 200-230 in-lb (22.5-25.9 N•m)
49	Torque to 170-190 in-lb (19.2-21.4 N•m)

GMAX II 3900 Lo-Boy Series



Parts List - GMAX II 3900 Lo-Boy Series

Ref.	Part	Description	Qty.
3	237686	WIRE, ground assembly w/ clamp	1
4	112798	SCREW, thread forming, hex hd	1
6	276974	CAP, leg	2
7	110837	SCREW, flange, hex	2
8	110838	NUT, lock	2
10	183401	KEY, parallel	1
11	15E535	HOUSING, clutch, machine	1
12	193680	COLLAR, shaft	1
13	287463	HOUSING, pinion, 3900	1
14	287467	HOUSING, drive, 3900, *includes 14a, 14b*	1
14a	116191	WASHER, thrust	1
14b	107089	WASHER, race, thrust	1
15	112395	SCREW, cap, flng hd	1
16	119426	SCREW, mach, hex washer hd	10
17	16Y747	COVER, front, 3900 (includes 18)	1
18★	118444	SCREW, mach, slot hex wash hd	4
19	16X414	PUMP, displacement 3900, *includes 85, 92, 95*	1
24★	100214	WASHER, lock, spring	4
30	108879	ENGINE, gasoline, 4.0 HP	1
	25P294	ENGINE, gasoline, 4.0 HP (China only)	1
33	113467	SCREW, cap, socket hd	4
36	114678	BUSHING, strain relief	1
39	107505	PACKING, o-ring	1
40★		HOUSING, bearing 3900	1
42▲	194126	LABEL, warning	1
46	114699	WASHER, thrust	2
47	114672	WASHER, thrust	1
48	108842	SCREW, cap, hex hd	4
49	100214	WASHER, lock	4
50†	108803	SCREW, hex, socket head	6
51†		HUB, armature	1
52†★	105510	WASHER, lock, spring (hi-collar)	12
53	287653	GEAR, combination 3900	1
55†		ROTOR, clutch, 4 in.	1
56†	101682	SCREW, cap, sch	4
65▲	15F638	LABEL, GMAX warning fire and skin	1
66†		ARMATURE, clutch, 4 in.	1
71	240794	HOSE, coupled, 1/4 in. x 50 ft	1
72	15F250	WASHER, thrust	1
86	16Y519	FRAME	1
93	24V084	ROD, connecting 3900	1
95	16Y579	FITTING	1
96	156306	WASHER, flat	2
100	119509	WHEEL, pneumatic	2
101	113161	SCREW, flange, hex hd	3
110	109032	SCREW, mach, pnh	4
111	100020	WASHER, lock, 3900 only	4
112	16Y780	HANDLE, cart	1
114	16X822	BOX, control	1
119	15E891	CLIP, retaining	2
122▲	290228	LABEL, caution	1
126	116038	WASHER, wave spring	2
128	16X950	HOSE, coupled	1
129	119579	CONDUCTOR, ground	1
130	122533	FITTING, 45 deg	1
131	119569	BUSHING, strain relief	1
136	16X348	LABEL, front, GMAX II 3900	1
137	114687	CLIP, retainer	1
149	16X979	LABEL, ProConnect	1
158	288420	GUN, contractor, RAC X, packaged	1
171★	16X228	PLATE, front, 3900, PC II	1
172★	16X322	CLAMP, pump, small	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	111040	NUT, lock, insert, nylock, 5/16	2
176	120583	NUT, hand	1
177	16X833	FITTING, quick disconnect, 3/8 npsm	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

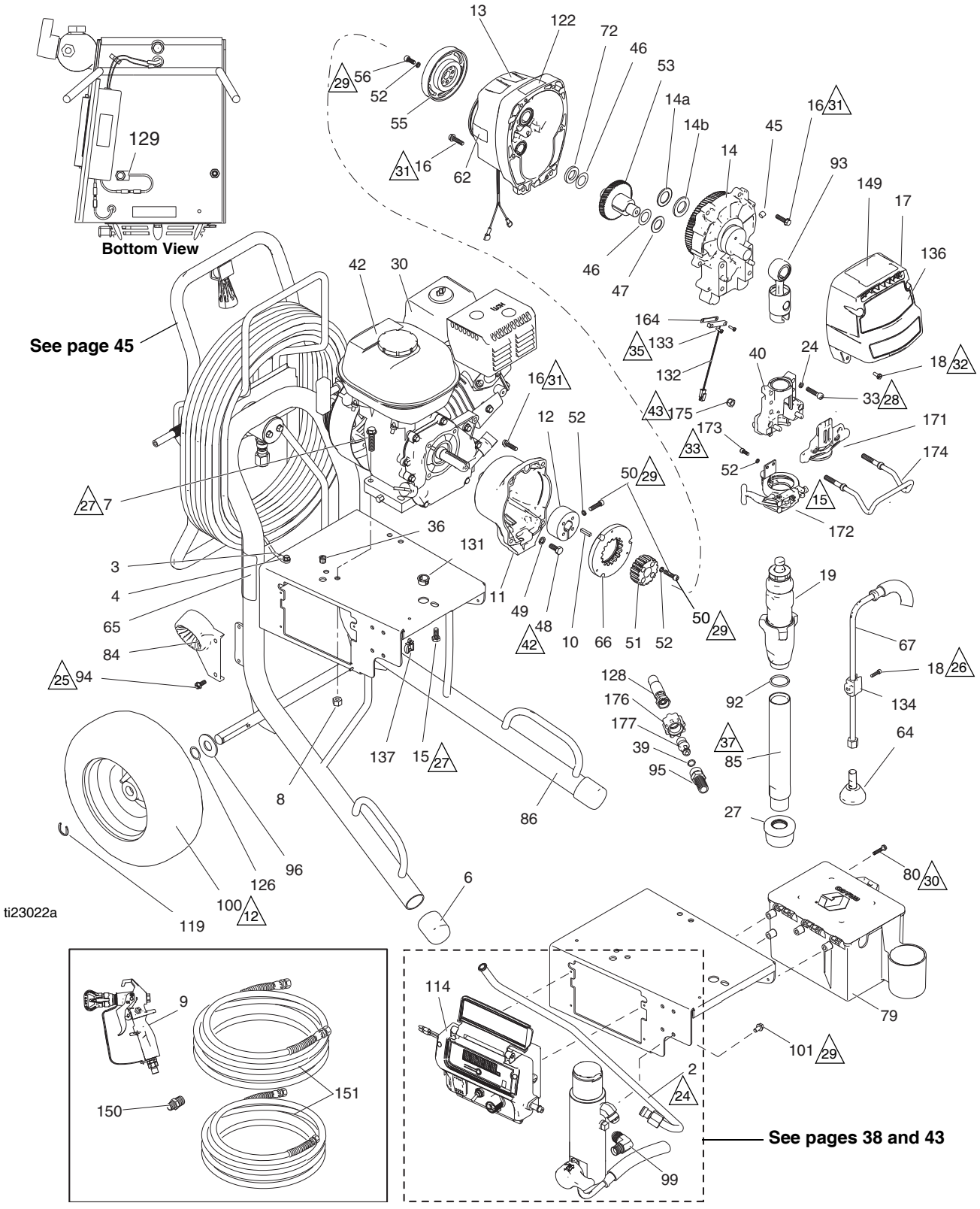
† *Included in Clutch Replacement Kit 241109.*

★*Included in bearing housing kit 24V087*

Part Specifications:

Ref.	Instruction
12	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
23	Torque clamp adjustment bolt to 90-110 in-lb (10.1-12.4 N•m) with reference 19 installed and ProConnect in locked position.
27	Torque to 17-23 ft-lb (23.0-31.1 N•m)
28	Torque to 190-210 in-lb (21.4-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.2 N•m)
31	Torque to 130-150 in-lb (14.6-16.9 N•m)
32	Torque to 30-45 in-lb (3.3-5.0 N•m)
33	Torque to 90-110 in-lb (10.1-12.4 N•m)
40	Torque to 60-65 in-lb (6.7-7.3 N•m)
42	Torque to 170-190 in-lb (19.2-21.4 N•m)
43	Torque to 200-230 in-lb (22.5-25.9 N•m)
44	Torque to 25-35 in-lb (2.8-3.9 N•m)

GMAX II 3900 ProContractor Series



Parts List - GMAX II 3900 ProContractor Series

Ref.	Part	Description	Qty.
2	16C384	TUBE, 3900	1
3	237686	WIRE, ground assembly w/ clamp	1
4	112798	SCREW, thread forming, hex hd	1
6	15C871	CAP, leg	2
7	110837	SCREW, flange, hex	2
8	110838	NUT, lock	2
9	288420	GUN, contractor, RAC X, packaged	1
10	183401	KEY, parallel	1
11	15E535	HOUSING, clutch, machine	1
12	193680	COLLAR, shaft	1
13	287463	HOUSING, pinion, 3900	1
14	287467	HOUSING, drive, 3900, *includes 14a, 14b*	1
14a	116191	WASHER, thrust	1
14b	107089	WASHER, race, thrust	1
15	112395	SCREW, cap, flng hd	1
16	119426	SCREW, mach, hex washer hd	10
17	16Y747	COVER, front, 3900, *includes 18*	1
18★	118444	SCREW, mach, slot hex wash hd	5
19	16X414	PUMP, displacement 3900, *includes 85, 92, 95*	1
24★	100214	WASHER, lock, spring	4
27	189920	STRAINER, (1-11 1/2 NPSM)	1
30	108879	ENGINE, gasoline, 4.0 HP	1
33	113467	SCREW, cap, socket hd	4
36	114678	BUSHING, strain relief	1
39	107505	PACKING, o-ring	1
40★		HOUSING, bearing 3900	1
42▲	194126	LABEL, warning	1
45	116618	MAGNET	1
46	114699	WASHER, thrust	2
47	114672	WASHER, thrust	1
48	108842	SCREW, cap, hex hd	4
49	100214	WASHER, lock	4
50†	108803	SCREW, hex, socket head	6
51†		HUB, armature	1
52†★	105510	WASHER, lock, spring (hi-collar)	12
53	287653	GEAR, combination 3900	1
55†		ROTOR, clutch, 4 in.	1
56†	101682	SCREW, cap, sch	4
62		LABEL, USA made with Honda	1
64	241920	DEFLECTOR, threaded	1
65▲	15F638	LABEL, GMAX warning fire and skin	1
66†		ARMATURE, clutch, 4 in.	1
67	244240	HOSE, coupled, *includes 64*	1
72	15F250	WASHER, thrust	1
79	287253	TOOL BOX, *includes 94*	1
80	118852	SCREW, thd forming, hex washer hd	3
85	15E807	TUBE, intake	1
84	278083	GUIDE, hose,	1
86	24D045	FRAME, hose reel	1
92	118494	PACKING, o-ring	1
93	24V084	ROD, connecting 3900	1
94	117633	SCREW, slot hex wash hd	2
95	16Y579	FITTING	1
96	156306	WASHER, flat	2
99	125926	FITTING, 90 deg	1
100	119420	WHEEL, pneumatic	2
101	113161	SCREW, flange, hex hd	3
114	16X821	BOX, control	1
119	15E891	CLIP, retaining	2
122▲	290228	LABEL, caution	1
126	116038	WASHER, wave spring	2
128	16X904	HOSE, coupled	1
129	119579	CONDUCTOR, ground	1
131	119569	BUSHING, strain relief	1
132	119562	SWITCH, reed w/connector	1
133	114528	SCREW, mach, phillips, pnhd	2
134	16X203	CLIP, drain line	1
135	15F354	FUNNEL, oil (not shown)	1
136	16X348	LABEL, front, GMAX II 3900	1
137	114687	CLIP, retainer	1
149	16X981	LABEL, Proconnect	1
150	162453	NIPPLE, 1/4 npsm x 1/4 npt	1
151	240794	HOSE, coupled, 1/4 in x 50 ft	2
164	15F947	SHIELD, magnetic	1
171★	16X228	PLATE, front, 3900, PC II	1
172★	16X322	CLAMP, pump, small	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	111040	NUT, lock, insert, nylock, 5/16	2
176	120583	NUT, hand	1
177	16X833	FITTING, quick disconnect, 3/8 npsm	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

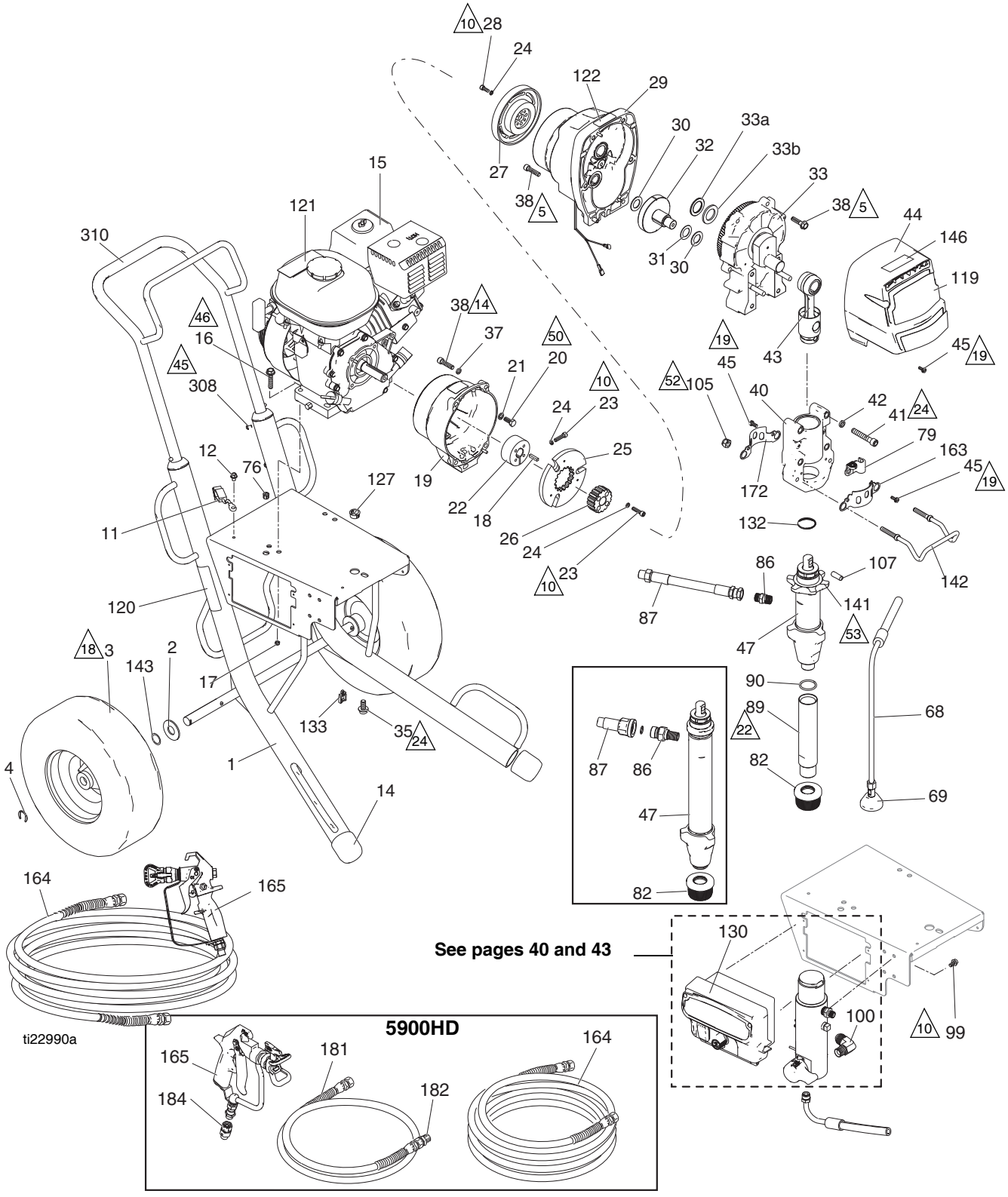
† *Included in Clutch Replacement Kit 241109.*

★*Included in bearing housing kit 24V087*

Part Specifications:

Ref.	Instruction
12	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
15	Torque clamp adjustment bolt to 90-110 in-lb (10.1-12.4 N•m) with reference 19 installed and ProConnect in locked position.
24	Torque to 38-42 ft-lb (51.5-56.9 N•m)
25	Torque to 120-130 in-lb (13.5-14.6 N•m)
26	Torque to 40-45 in-lb (4.5-5.0 N•m)
27	Torque to 17-23 ft-lb (23.0-31.1 N•m)
28	Torque to 190-210 in-lb (21.4-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.2 N•m)
30	Torque to 30-40 in-lb (3.3-4.5 N•m)
31	Torque to 130-150 in-lb (14.6-16.9 N•m)
32	Torque to 30-45 in-lb (3.3-5.0 N•m)
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
35	Torque to 8-12 in-lb (0.9-1.35 N•m)
37	Torque to 70-90 in-lb (7.9-10.1 N•m)
42	Torque to 170-190 in-lb (19.2-21.4 N•m)
43	Torque to 200-230 in-lb (22.5-25.9 N•m)

GMAX II 5900/5900HD Standard Series



Parts List - GMAX II 5900/5900HD Standard Series

Ref.	Part	Description	Qty.
1	287370	FRAME, standard, cart	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
15	116080	ENGINE, gas, 6.5 HP, Honda	1
	25P296	ENGINE, gas, 6.5HP (China only)	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring (hi-collar)	10
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287465	HOUSING, pinion, 5900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287460	GEAR, combination, 5900	1
33	287469	HOUSING, drive, 5900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
35	112395	SCREW, cap, flng hd	1
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
40★		HOUSING, bearing, 5900	1
41★	114666	SCREW, cap, socket head	4
42★	106115	WASHER, lock (hi-collar)	4
43	24V021	ROD, connecting, 5900	1
44	16Y748	COVER, front, 5900, *includes 45*	1
45	118444	SCREW, mach, slot hex wash hd	8
47		PUMP, displacement	
	16Y706	5900, *includes 86, 89, 90*	1
	16X429	5900HD, *includes 86*	1
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
76	114678	BUSHING, strain relief	1
79★	278204	CLIP, drain line	1
82	189920	STRAINER, (1-11 1/2 NPSM)	1
86		FITTING	1
	196178	5900	
	16X834	5900HD	
87		HOSE, coupled	1
	16X909	5900	
	16X905	5900HD	
89	248215	TUBE, intake	1
90	118494	PACKING, o-ring	1
99	113161	SCREW, flange, hex hd	3
100	125926	FITTING, 90 deg (5900HD)	1
105★	111040	NUT, lock, insert, nylock, 5/16	2
107	15F856	PIN, pump, 5900	1
119		LABEL, front, GMAX II 5900	
	16X349	5900	1
	16X352	5900HD	1
120▲	15F638	LABEL, GMAX warning fire & skin	1
121▲	194126	LABEL, warning	1
122▲	290228	LABEL, caution	1
127	119569	BUSHING, strain relief	1
130	16X822	BOX, control	1
132	119778	SPRING, retaining	1
133	114687	CLIP, retainer	1
141	193031	NUT, retaining	1
142★	16C457	HANGER, pail	1
143	116038	WASHER, wave spring	2
146	16X983	LABEL, standard series	1
155	15F354	FUNNEL, oil (not shown)	1
160	102982	PACKING, o-ring, 5900HD	1
163★	16X770	SHIELD, pump rod	1
164	240794	HOSE, coupled, 1/4 in. x 50 ft, 5900	1
	240797	HOSE, coupled, 3/8 in. x 50ft, 5900HD	1
165	288420	GUN, contractor, RAC X, packaged, 5900	1
	241705	GUN, spray, texture, 5900HD	1
172	15C762	SHIELD, pump rod	1
181	241735	HOSE, cpld, 1/4 in. x 3 ft, 5900HD	1
182	159841	BUSHING, 7250 psi, 3/8 in. x 1/4 in., 5900HD	1
184	189018	SWIVEL, assembly, 5900HD	1
308	108795	SCREW, mach, pnh	4
310	24A250	HANDLE, cart (standard only)	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

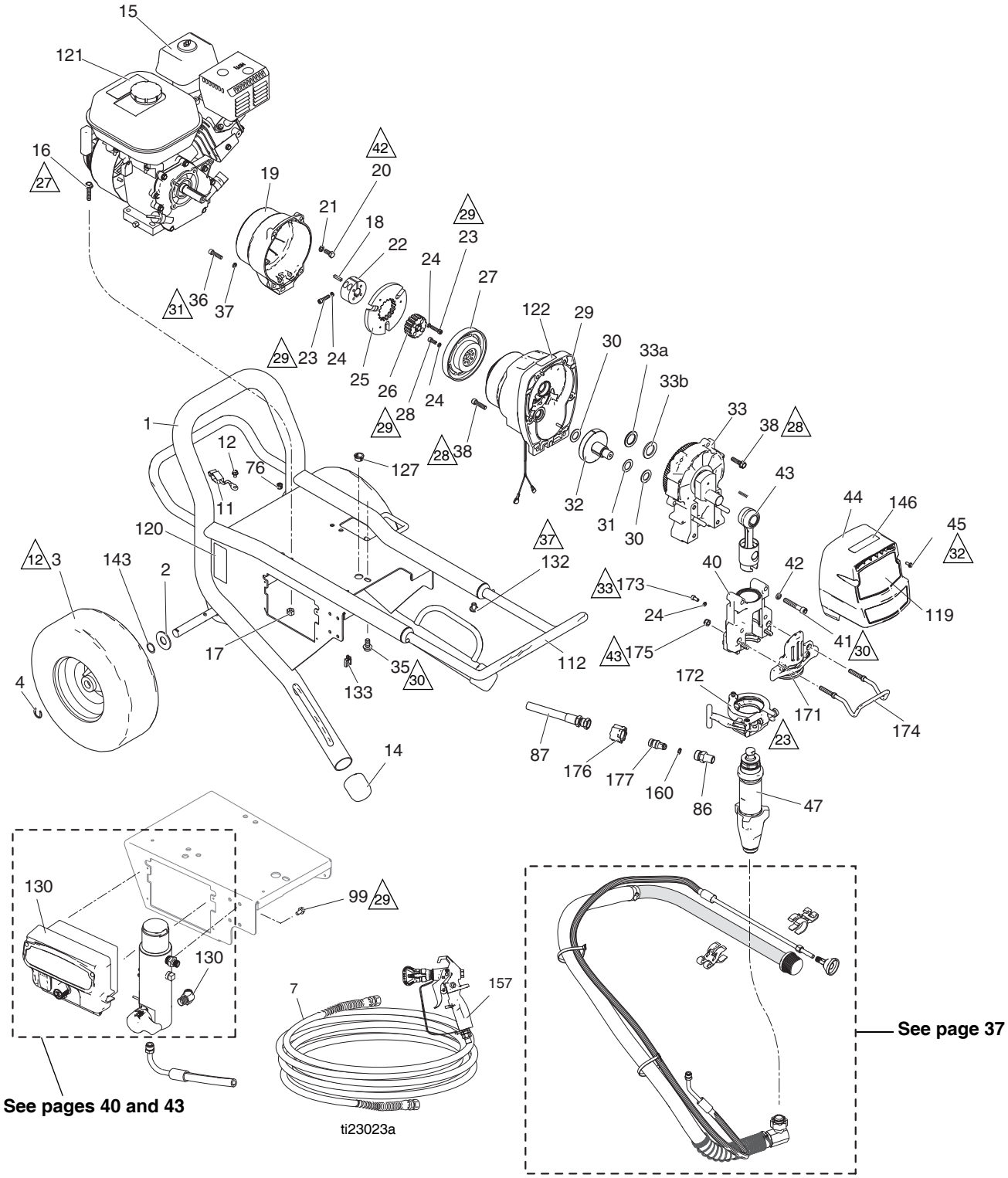
† *Included in Clutch Replacement Kit 241113.*

★*Included in bearing housing kit 24V027*

Part Specifications:

Ref.	Instruction
5	Torque to 190-210 in-lb (21.5-23.7 N•m)
10	Torque to 115-135 in-lb (12.9-15.3 N•m)
14	Torque to 130-150 in-lb (14.7-16.9 N•m)
18	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
19	Torque to 30-35 in-lb (3.4-3.9 N•m)
22	Torque to 70-90 in-lb (7.9-10.2 N•m)
24	Torque to 23-29 ft-lb (31.2-39.3 N•m)
45	Torque to 25-35 in-lb (2.8-3.9 N•m)
46	Torque to 17-23 ft-lb (23.1-31.2 N•m)
50	Torque to 170-190 in-lb (19.2-21.5 N•m)
52	Torque to 200-230 in-lb (22.6-25.9 N•m)
53	Torque to 75 +/- 5 ft-lb (101.7 +/- 6.8 N•m)

GMAX II 5900 Lo-Boy Series



Parts List - GMAX II 5900 Lo-Boy Series

Ref.	Part	Description	Qty.
1	16Y519	FRAME, cart	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
7	240794	HOSE, coupled, 1/4 in. x 50 ft	1
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
15	116080	ENGINE, gas, 6.5 HP, Honda	1
	25P296	ENGINE, gas, 6.5HP (China only)	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring (hi-collar)	12
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287465	HOUSING, pinion, 5900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287460	GEAR, combination, 5900	1
33	287469	HOUSING, drive, 5900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
40★		HOUSING, bearing, 5900	1
41★	114666	SCREW, cap, socket head	4
42★	106115	WASHER, lock (hi-collar)	4
43	24V085	ROD, connecting, 5900	1
44	16Y748	COVER, front, 5900, *includes 45*	1
45★	118444	SCREW, mach, slot hex wash hd	4
47	16X419	PUMP, displacement, 5900, *includes 86*	1
76	114678	BUSHING, strain relief	1
86	15J413	FITTING	1
87	16X950	HOSE, coupled	1
88	122533	FITTING, 45 deg	1
99	113161	SCREW, flange, hex hd	3
112	16Y780	HANDLE, cart	1
119	16X349	LABEL, front, GMAX II 5900	1
120▲	15F638	LABEL, GMAX warning fire & skin	1
121▲	194126	LABEL, warning	1
122▲	290228	LABEL, caution	1
127	119569	BUSHING, strain relief	1
130	16X822	BOX, control	1
132	109032	SCREW, mach, pnh	4
133	114687	CLIP, retainer	1
143	116038	WASHER, wave spring	2
146	16X979	LABEL, Proconnect	1
157	288420	GUN, contractor, RAC X, packaged	1
160	107505	PACKING, o-ring	1
171★	16X385	PLATE, front, ProConnect II, 5900 Lo-Boy	1
172★	16X324	CLAMP, pump, large, 5900 Lo-Boy	1
173★	101550	SCREW, cap, sch, 5900 Lo-Boy	2
174★	16C457	HANGER, pail, 5900 Lo-Boy	1
175★	111040	NUT, lock, insert, nylock, 5/16 5900 Lo-Boy	2
176	120583	NUT, hand, 5900 Lo-Boy	1
177	16X833	FITTING, quick disconnect, 3/8 npsm, 5900 Lo-Boy	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

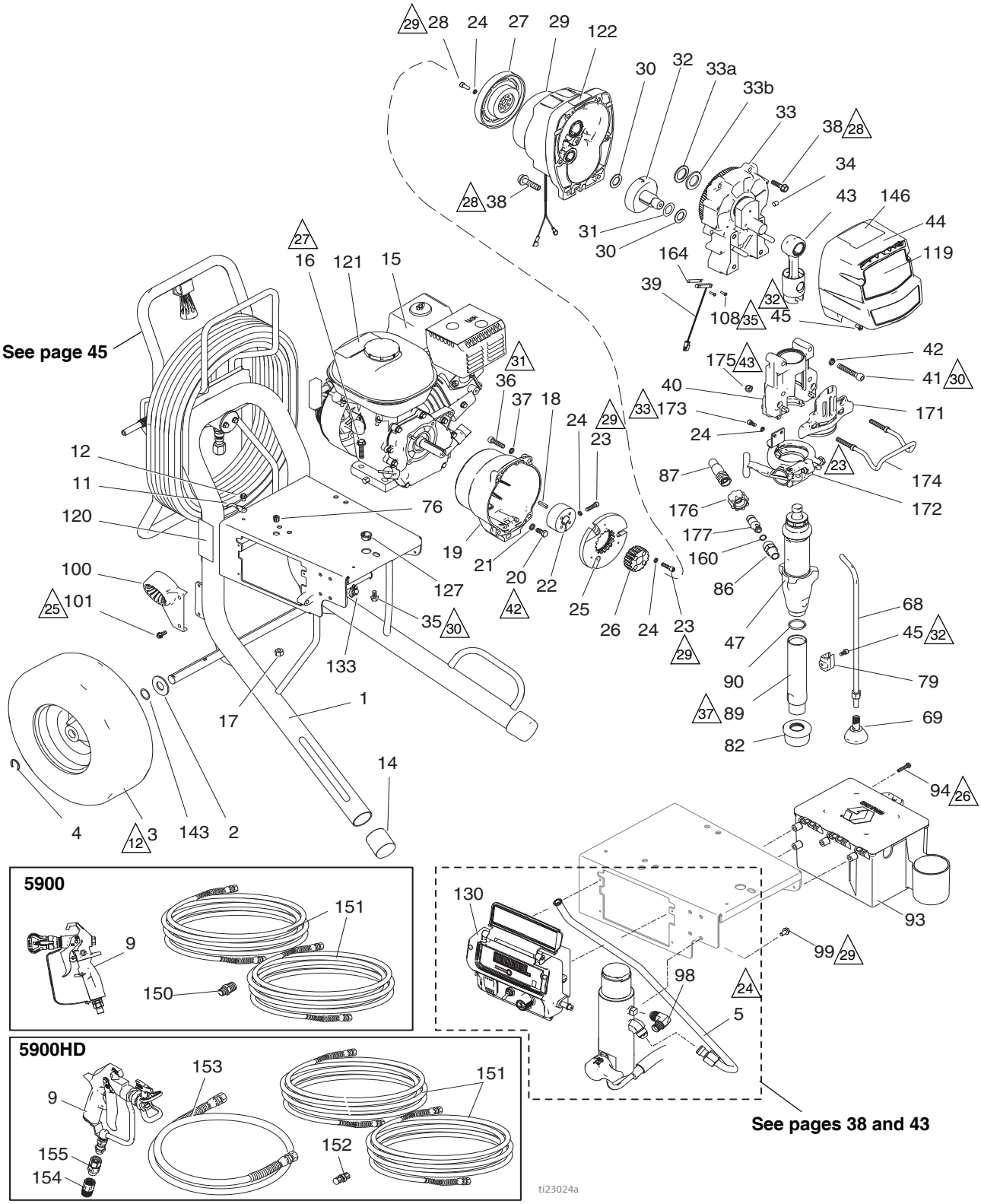
† *Included in Clutch Replacement Kit 241113.*

★*Included in bearing housing kit 24V088*

Part Specifications:

Ref.	Instruction
12	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
23	Torque clamp adjustment bolt to 140-160 in-lb (15.8-18.1 N•m) with reference 47 installed and ProConnect in locked position.
27	Torque to 17-23 ft-lb (23.1-31.2 N•m)
28	Torque to 190-210 in-lb (21.5-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.3 N•m)
30	Torque to 23-29 ft-lb (31.2-39.3 N•m)
31	Torque to 130-150 in-lb (14.7-16.9 N•m)
32	Torque to 30-45 in-lb (3.9-5.1 N•m)
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
37	Torque to 25-35 in-lb (2.8-3.9 N•m)
42	Torque to 170-190 in-lb (19.2-21.5 N•m)
43	Torque to 200-230 in-lb (22.6-25.9 N•m)

GMAX II 5900/5900HD ProContractor Series



Parts List - GMAX II 5900/5900HD ProContractor Series

Ref.	Part	Description	Qty.
1	24D047	FRAME, hose reel, cart	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
5	16C381	TUBE, GMAX 5900/7900	1
9	288420	GUN, contractor, RAC X, packaged, 5900	1
	241705	GUN, spray, texture, 5900HD	1
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
15	114530	ENGINE, gas, 5.5 HP, Honda	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach, 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†★	105510	WASHER, lock, spring (hi-collar)	12
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287465	HOUSING, pinion, 5900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287460	GEAR, combination, 5900	1
33	287469	HOUSING, drive, 5900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
34	116618	MAGNET	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
39	119562	SWITCH, reed w/connector	1
40★		HOUSING, bearing, 5900	1
41★	114666	SCREW, cap, socket head	4
42★	106115	WASHER, lock (hi-collar)	4
43	24V085	ROD, connecting, 5900	1
44	16Y748	COVER, front, 5900, *includes 45*	1
45★	118444	SCREW, mach, slot hex wash hd	5
47		PUMP, displacement	
	16X419	5900 (includes 86, 89, 90)	1
	16X421	5900HD, *includes 86*	1
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
76	114678	BUSHING, strain relief	1
79★	16X203	CLIP, drain line	1
82	189920	STRAINER, (1-11 1/2 NPSM)	1
86		FITTING, pump, QD	1
	16Y579	5900	
	16X834	5900HD	
87		HOSE, coupled	1
	16X904	3/8 in., 5900	
	16X905	1/2 in., 5900HD	
89	248215	TUBE, intake	1
90	118494	PACKING, o-ring	1
93	287253	TOOL BOX, *includes 94*	1
94	118852	SCREW, thd forming, hex washer hd	3
98	125926	FITTING, 90 deg	1
99	113161	SCREW, flange, hex hd	3
100	278083	GUIDE, hose	1
101	117633	SCREW, slot hex wash hd	2
108	114528	SCREW, mach, phillips, pnhd	2

Ref.	Part	Description	Qty.
119		LABEL, front, GMAX II, 5900	
	16X349	5900	1
	16X352	5900HD	1
120▲	15F638	LABEL, GMAX warning fire & skin	1
121▲	194126	LABEL, warning	1
122▲	290228	LABEL, caution	1
127	119569	BUSHING, strain relief	1
130	16X821	BOX, control	1
133	114687	CLIP, retainer	1
134	15F354	FUNNEL, oil (not shown)	1
143	116038	WASHER, wave spring	2
146	16X981	LABEL, Proconnect	1
150	162453	NIPPLE, 1/4 npsm x 1/4 npt, 5900	1
151	240794	HOSE, coupled, 1/4 in. x 50 ft 5900	2
	240797	HOSE, coupled, 3/8 in. x 50 ft, 5900HD	2
152	162485	ADAPTER, nipple, 5900HD	1
153	241735	HOSE, cpld, 1/4 in. x 3 ft, 5900HD	1
154	159841	BUSHING, 7250 psi, 3/8 x 1/4 in. 5900HD	1
155	189018	SWIVEL, assembly, 5900HD	1
160		PACKING, o-ring	1
	107505	5900	
	102982	5900HD	
164	15F947	SHIELD, magnetic	1
171★	16X385	PLATE, front, 5900, PC II	1
172★	16X324	CLAMP, pump, large	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	111040	NUT, lock, insert, nylock, 5/16	2
176	120583	NUT, hand	1
177	16X833	FITTING, quick disconnect, 3/8 npsm	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

† *Included in Clutch Replacement Kit 241113.*

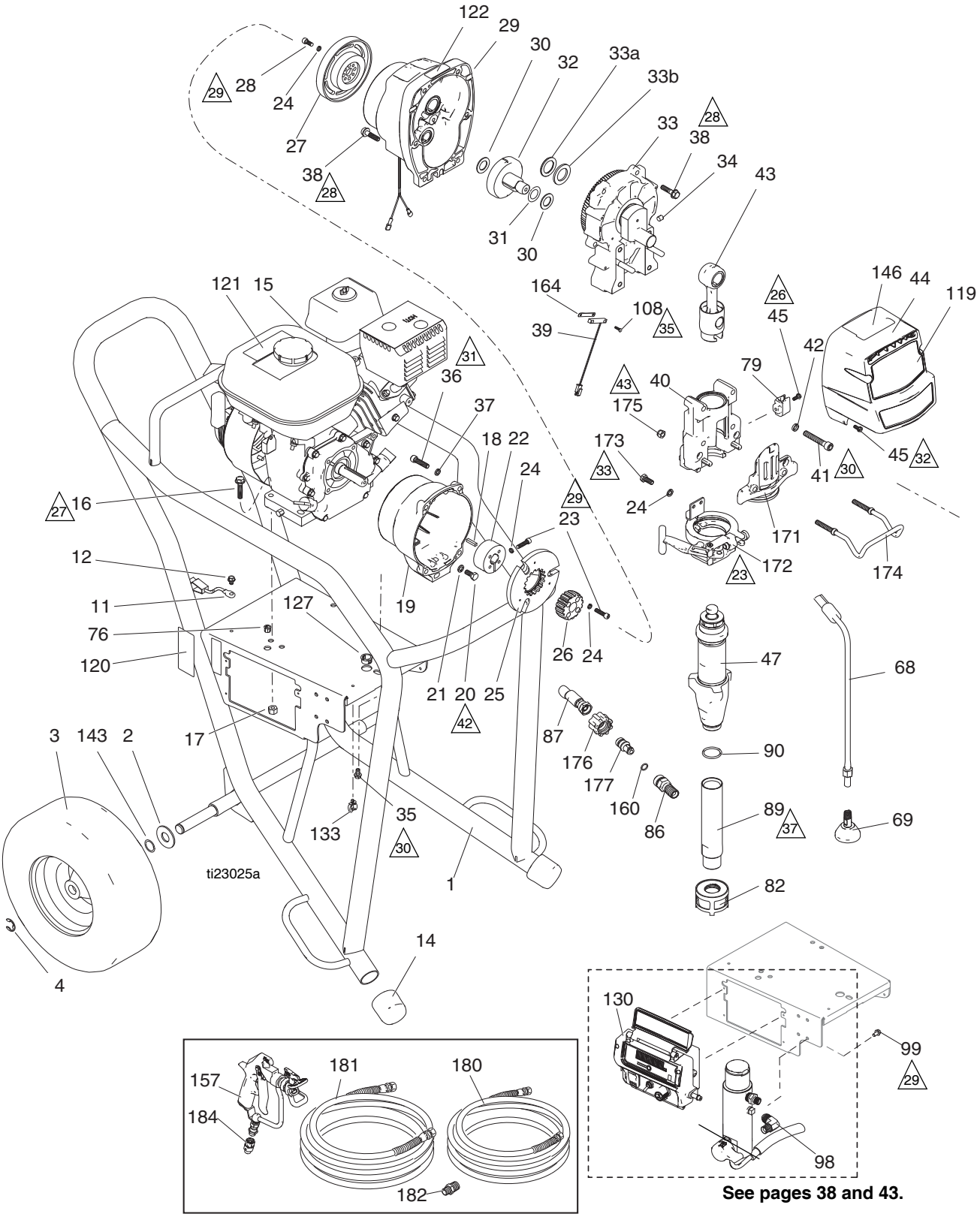
★*Included in bearing housing kit 24V088*

Part Specifications:

Ref.	Instruction
12	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
23	Torque clamp adjustment bolt to 140-160 in-lb (15.8-18.1 N•m) with reference 47 installed and ProConnect in locked position.
24	Torque to 38-42 ft-lb (51.5-56.9 N•m)
25	Torque to 120-130 in-lb (13.6-14.7 N•m)
26	Torque to 40-45 in-lb (4.5-5.1 N•m)
27	Torque to 17-23 ft-lb (23.1-31.2 N•m)
28	Torque to 190-210 in-lb (21.5-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.3 N•m)
30	Torque to 23-29 ft-lb (31.2-39.3 N•m)
31	Torque to 130-150 in-lb (14.7-15.9 N•m)
32	Torque to 30-45 in-lb (3.4-5.1 N•m)

Ref.	Instruction
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
35	Torque to 8-12 in-lb (0.9-1.4 N•m)
37	Torque to 70-90 in-lb (7.9-10.2 N•m)
42	Torque to 170-190 in-lb (19.2-21.2 N•m)
43	Torque to 200-230 in-lb (22.6-25.9 N•m)

GMAX II 5900 IronMan Series



See pages 38 and 43.

Parts List - GMAX II 5900 IronMan Series

Ref.	Part	Description	Qty.
1	16X778	FRAME, cart	1
2	156306	WASHER, flat	2
3	122267	WHEEL, pneumatic	2
4	120211	CLIP, retaining	2
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	15C871	CAP, leg	2
15	114530	ENGINE, gas, 5.5 HP, Honda	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach, 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring (hi-collar)	12
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287465	HOUSING, pinion, 5900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287460	GEAR, combination, 5900	1
33	287469	HOUSING, drive, 5900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
34	116618	MAGNET	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
39	119562	SWITCH, reed w/connector	1
40★		HOUSING, bearing, 5900	1
41★	114666	SCREW, cap, socket head	4
42	106115	WASHER, lock (hi-collar)	4
43	24V085	ROD, connecting, 5900	1
44	16Y748	COVER, front, 5900, *includes 45*	1
45★	118444	SCREW, mach, slot hex wash hd	5
47	16X420	PUMP, displacement, 5900, *includes 86, 89, 90*	1
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
76	114678	BUSHING, strain relief	1
79★	16X203	CLIP, drain line	1
82	15V573	STRAINER, (1-11 1/2 NPSM)	1
86	16Y579	FITTING	1
87	16X904	HOSE, coupled	1
89	248215	TUBE, intake	1
90	118494	PACKING, o-ring	1
98	125926	FITTING, 90 deg	1
99	113161	SCREW, flange, hex hd	3
108	114528	SCREW, mach, phillips, pnhd	2
119	16X349	LABEL, front, GMAX II, 5900	1
120▲	15F638	LABEL, GMAX warning fire & skin	1
121▲	194126	LABEL, warning	1
122▲	290228	LABEL, caution	1
127	119569	BUSHING, strain relief	1
130	16X821	BOX, control	1
133	114687	CLIP, retainer	1
134	15F354	FUNNEL, oil (not shown)	1
143	116038	WASHER, wave spring	2
146	16X982	LABEL, ProConnect	1
157	24A139	GUN, silver, RAC X, packaged	1
160	107505	PACKING, o-ring	1
164	15F947	SHIELD, magnetic	1
171★	16X385	PLATE, front, 5900, PC II	1
172★	16X324	CLAMP, pump, large	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	111040	NUT, lock, insert, nylock, 5/16	2
176	120583	NUT, hand	1
177	16X833	FITTING, quick, disconnect, 3/8 npsm	1
180	240797	HOSE, coupled, 3/8 in. x 50 ft	1
181	240794	HOSE, coupled, 1/4 in. x 50 ft	1
182	164672	ADAPTER	1
184	189018	SWIVEL, assembly	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

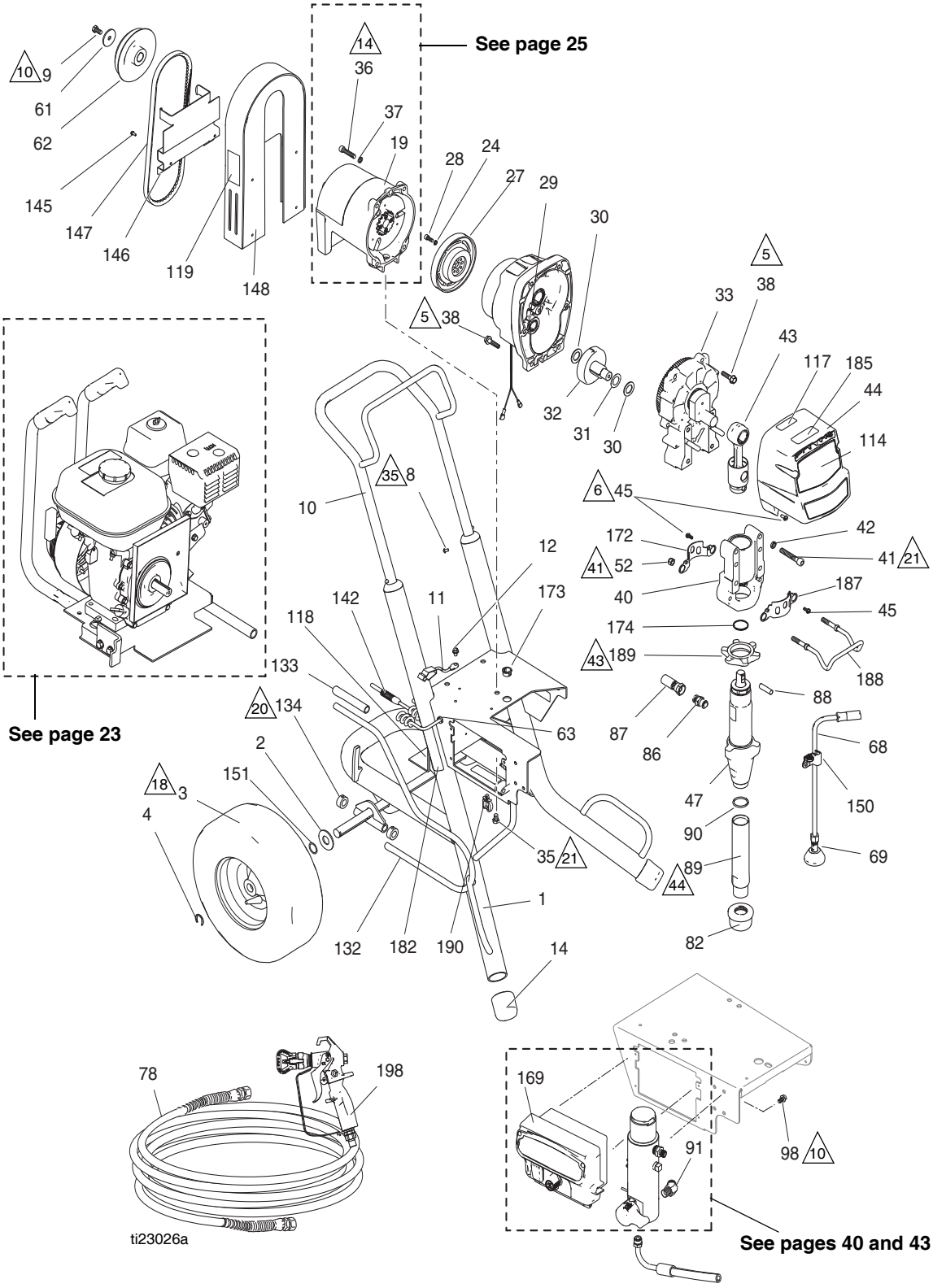
† *Included in Clutch Replacement Kit 241113.*

★*Included in bearing housing kit 24V088*

Part Specifications:

Ref.	Instruction
23	Torque clamp adjustment bolt to 140-160 in-lb (15.8-18.1 N•m) with reference 47 installed and ProConnect in locked position.
26	Torque to 40-45 in-lb (4.5-5.1 N•m)
27	Torque to 17-23 ft-lb (23.1-31.2 N•m)
28	Torque to 190-210 in-lb (21.5-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.3 N•m)
30	Torque to 23-29 ft-lb (31.2-39.4 N•m)
31	Torque to 130-150 in-lb (14.7-16.9 N•m)
32	Torque to 30-45 in-lb (3.4-5.1 N•m)
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
35	Torque to 8-12 in-lb (0.9-1.4 N•m)
37	Torque to 70-90 in-lb (7.9-10.2 N•m)
42	Torque to 170-190 in-lb (19.2-21.5 N•m)
43	Torque to 200-230 in-lb (22.6-25.9 N•m)

GMAX II 5900 Convertible Series



Parts List - GMAX II 5900 Convertible Series

Ref.	Part	Description	Qty.
1	287423	FRAME, cart	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
8	108795	SCREW, mach, pnh	4
9	121727	SCREW, cap, hex hd	1
10	24A250	HANDLE, cart	1
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
19	287519	HOUSING, clutch	1
24*	105510	WASHER, lock, spring (hi-collar)	4
27*		ROTOR, clutch, 5 in.	1
28*	101682	SCREW, cap, sch	4
29	287465	HOUSING, pinion, 5900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287460	GEAR, combination	1
33	287700	HOUSING, drive, convert	1
35	112395	SCREW, cap, flng hd	3
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, torx, hex wash hd	6
40★		HOUSING, bearing	1
41★	114666	SCREW, cap, socket hd	4
42★	106115	WASHER, lock spring (hi-collar)	4
43	24V021	ROD, connecting	1
44	16Y748	COVER, front; *includes 45*	1
45★	118444	SCREW, machine hex washer head	8
47	16Y706	PUMP, displacement, *includes 86, 89, 90*	1
52★	111040	NUT, lock, insert, nylock, 5/16	2
61	112717	WASHER	1
62	198688	PULLEY, engine	1
63	114425	BUSHING, strain relief	1
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
78	240794	HOSE, coupled, 1/4 in. x 50 ft	1
82	189920	STRAINER, (1-11 1/2 npsm)	1
86	196178	FITTING, pump	1
87	16Y667	HOSE, coupled	1
88	15F856	PIN, pump	1
89†	248215	TUBE, intake	1
90†	118494	O-RING	1
91	122533	FITTING, 45 deg	1
98	113161	SCREW, flange, hex hd	3
114	16X358	LABEL, brand	1
117▲	290228	LABEL, caution	1
118▲	804495	LABEL, warning	1
119	195098	LABEL, instruction (English)	1
132	245688	BAR, torsion, *includes 133, 134*	1
133	114808	CAP, vinyl	1
134	198772	COLLAR, torsion bar	2
142	119584	CORD, power, convertible	1
145	100078	SCREW, thd forming, hex hd	4
146	198996	BRACKET, belt guide	1
147	193547	BELT, Vee, 30	1
148	198691	GUARD, belt	1
150★	278204	CLIP, drain line	1
151	116038	WASHER, wave spring	2
155	15F354	FUNNEL, oil (not shown)	1
169	16X822	BOX, control	1
172	15C762	SHIELD, pump rod	1
173	119569	BUSHING, strain relief	1
174	119778	SPRING, retaining	1
182▲	15F638	LABEL, warning	1
185	16X983	LABEL	1
187★	16X770	SHIELD, pump rod	1
188★	16C457	HANGER, pail	1
189	193031	NUT, retaining	1
190	114687	CLIP, retainer	1
198	288420	GUN, contractor, RAC X, packaged	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning labels, tags, and cards are available at no cost.*

** Included in Clutch Repair Kit 241113*

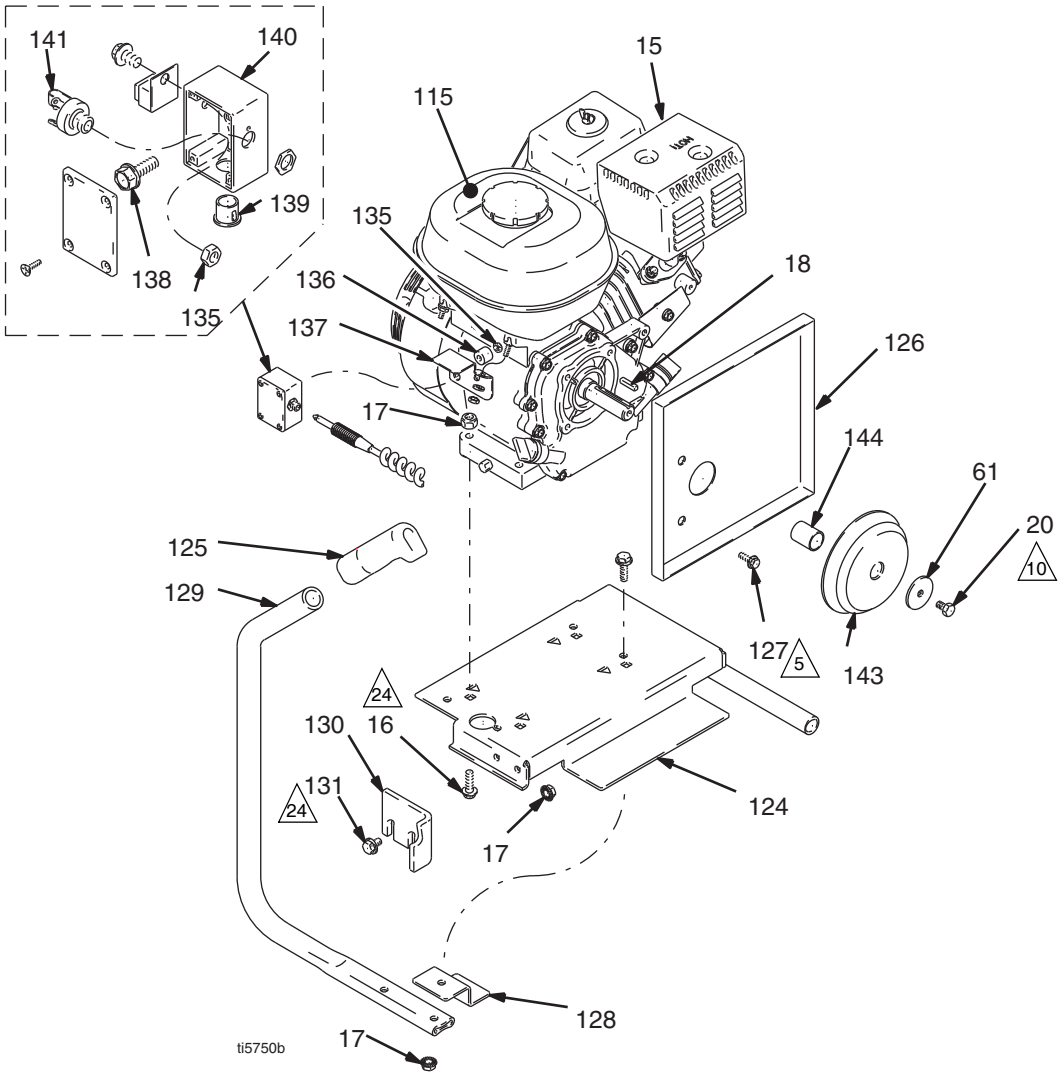
★Included in bearing housing kit 24V027

Part Specifications:

Ref.	Instruction
△5	Torque to 190-210 in-lb (21.5-23.7 N•m)
△6	Torque to 30-35 in-lb (3.4-3.9 N•m)
△10	Torque to 115-135 in-lb (12.9-15.3 N•m)
△14	Torque to 130-150 in-lb (14.7-16.9 N•m)
△18	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
△20	Torque to 10-15 in-lb (1.1-1.7 N•m)
△21	Torque to 20-30 ft-lb (27.1-40.1 N•m)
△35	Torque to 25-35 in-lb (2.8-3.9 N•m)
△41	Torque to 200-230 in-lb (22.5-25.9 N•m)
△43	Torque to 75 +/- 5 ft-lb (101.6 +/- 6.7 N•m)
△44	Torque to 70-90 in-lb (7.9-10.1 N•m)

GMAX II 5900 Convertible Series

Engine Detail



GMAX II 5900 Convertible Series

Engine Detail - Parts List

Ref.	Part	Description	Qty.
15	114530	ENGINE, gas, 5.5 Honda	1
16	114653	SCREW, cap, flange hd	4
17	110996	NUT, flng hd, hex	6
18	183401	KEY, parallel	1
20	119717	SCREW, cap, hex hd	1
61	112717	WASHER	1
115	194126	LABEL, warning	1
124	245272	BASE, mounting	1
125	116139	GRIP, handle	2
126	198689	BRACKET, belt guard (motor)	1
127	112406	SCREW	3
128	198997	BRACKET, tension	1
129	198693	HANDLE, slide, engine	2
130	198695	BRACKET, torsion bar	1
131	110963	SCREW, cap, hex hd, flange	2
135	114816	NUT, hex	1
136	116149	SPACER	1
137	194414	BRACKET, J-box	1
138	114813	SCREW, mach, hex washer hd	1
139	114678	BUSHING, snap	1
140	194181	BOX, junction, engine	1
141	114805	JACK, 1/4 engine	1
143	15E896	PULLEY, engine	1
144	15B314	SLEEVE, motor shaft	1

Part Specifications:

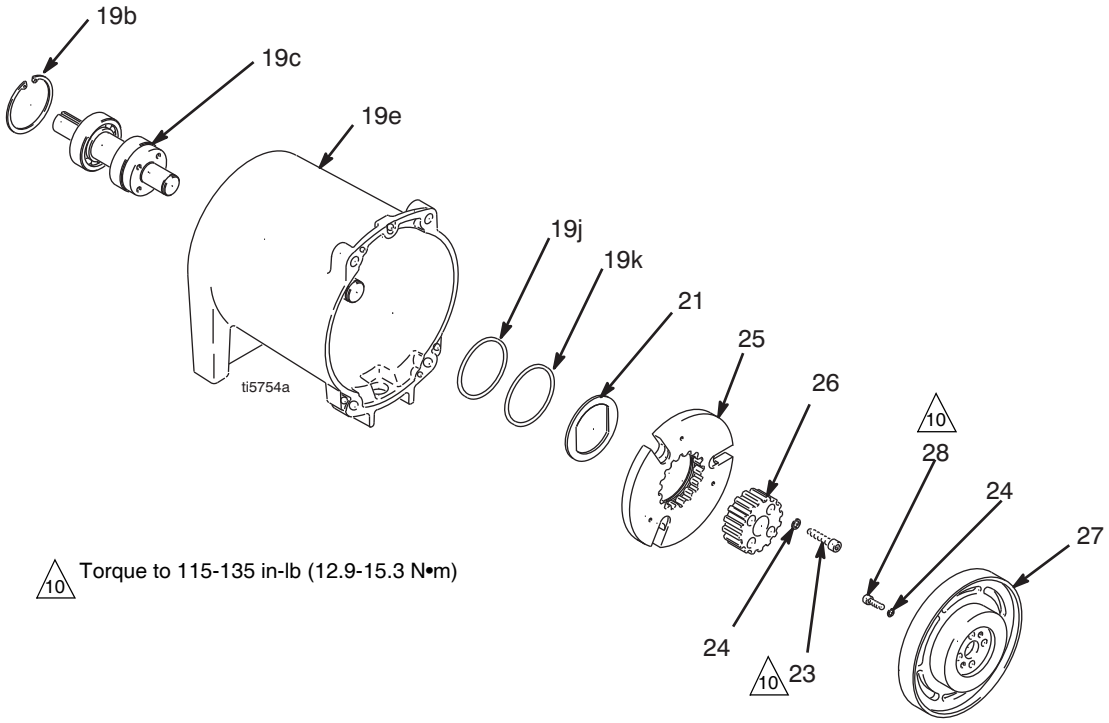
Ref.	Instruction
5	Torque to 190-210 in-lb (21.5-23.7 N•m)
10	Torque to 115-135 in-lb (12.9-15.3 N•m)
24	Torque to 17-23 ft-lb (23.0-31.1 N•m)

GMAX II 5900 Convertible Series

Clutch Housing - Parts Drawing and List

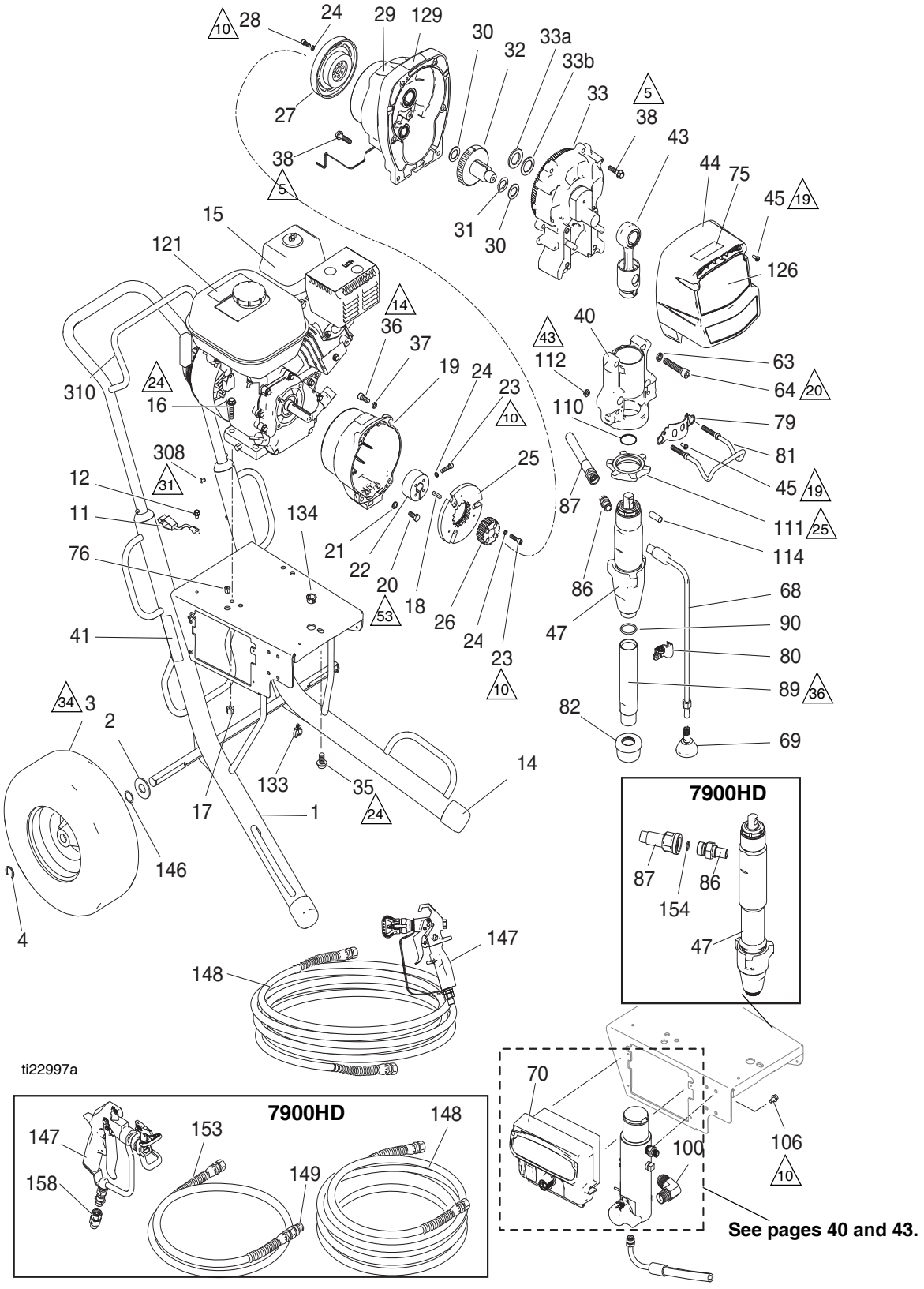
Ref	Part	Description	Qty
19	287519	HOUSING, clutch, *includes 19b, 19c, 19e, 19j & 19k*	1
19b	114962	RING, retaining, internal	1
19c	287422	SHAFT, drive, input	1
19e	15E887	HOUSING, clutch	1
19j	115078	O-RING	1
19k	115079	O-RING	1
21	15E894	STOP, armature	1
23	108803*	SCREW, hex, socket head	4
24	105510*	WASHER, lock, spring (hi-collar)	8
25	*	ARMATURE, clutch, 5 in.	1
26		HUB, armature	1
27	*	ROTOR, clutch, 5 in.	1
28	101682*	SCREW, cap, sch	4

* Included in Clutch Repair Kit 241113



Notes

GMAX II 7900/TexSpray 7900HD Standard Series/Roof Rig



Parts List - GMAX II 7900/TexSpray 7900HD Standard Series/Roof Rig

Ref.	Part	Description	Qty.
1	287370	FRAME	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
15	116080	ENGINE, gas, 6.5 HP, Honda	1
	25P296	ENGINE, gas, 6.5HP (China only)	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach, 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring	10
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287466	HOUSING, pinion, 7900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287459	GEAR, combination, 7900	1
33	287470	HOUSING, drive, 7900, *includes 33a,33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
40★		HOUSING, bearing, 7900	1
41▲	15F638	LABEL, GMAX warning fire & skin	1
43	24V022	ROD, connecting, 7900	1
44	16Y749	COVER, front, 7900 (includes 45)	1
45★	118444	SCREW, mach, slot hex wash hd	6
47	16X423	PUMP, displacement, 7900, *includes 86, 89, 90*	1
	16X425	PUMP, displacement, 7900HD, *includes 86*	1
63★	112600	WASHER, lock, spring	4
64★	112599	SCREW, cap, socket head	4
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
70	16X822	BOX, control, standard	1
75	16X983	LABEL, standard series	1
76	114678	BUSHING, strain relief	1
79★	16X770	SHIELD, pump rod	1
80★	278204	CLIP, drain line	1
81	16C457	HANGER, pail	1
82	189920	STRAINER, (1-11 1/2 NPSM)	1
86		FITTING, pump	
	196178	7900	1
	16X835	TexSpray, 7900HD	1
87		HOSE, coupled	
	16X909	7900	1
	16X905	TexSpray, 7900HD	1
89	248215	TUBE, intake, *includes 90*	1
90	118494	PACKING, o-ring, 7900	1
100	125926	FITTING, 90 deg	1
106	113161	SCREW, flange, hex hd	3
110	119677	SPRING, retaining	1
111	193394	NUT, retaining	1
112	111040★	NUT, lock, insert, nylock, 5/16	2
114	197443	PIN, pump	1
121▲	194126	LABEL, warning	1
126	16X350	LABEL, identification, 7900	1
	16X355	LABEL, identification, 7900HD	1
129▲	290228	LABEL, caution	1
133	114687	CLIP, retainer	1
134	119569	BUSHING, strain relief	1
145	15F354	FUNNEL, oil (not shown)	1
146	116038	WASHER, wave spring	2
147	288420	GUN, contractor, RAC X, 7900	1
	241705	GUN, spray, texture, 7900HD Roof Rig	1
148	240797	HOSE, coupled, 3/8 in. x 50 ft	1
149	159841	O-RING	1
153	241735	HOSE, coupled, 1/4 in. x 3 ft	1
154	102982	O-RING, TexSpray, 7900HD	1
158	189018	SWIVEL, assembly, 7900 HD	1
308	108795	SCREW, mach, pnh	4
310	24A250	HANDLE, cart	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

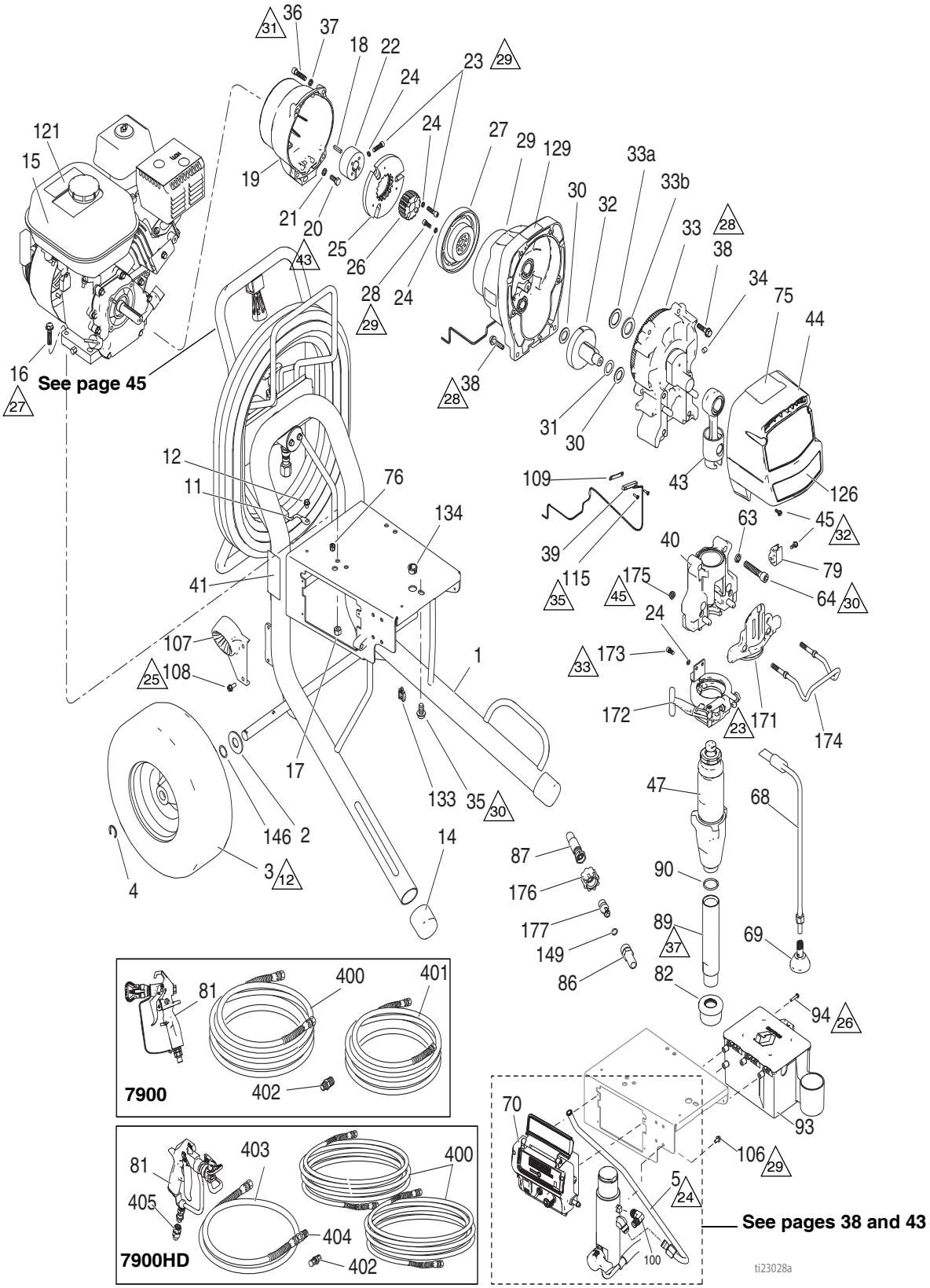
† *Included in Clutch Replacement Kit 241113.*

★*Included in bearing housing kit 24V028*

Part Specifications:

Ref.	Instruction
5	Torque to 190-210 in-lb (21.5-23.7 N•m)
10	Torque to 115-135 in-lb (12.9-15.3 N•m)
14	Torque to 130-150 in-lb (14.7-16.9 N•m)
19	Torque to 30-35 in-lb (3.4-3.9 N•m)
20	Torque to 35-45 ft-lb (47.5-61.0 N•m)
24	Torque to 20 +/- 3 ft-lb (21.7 +/- 4.1 N•m)
25	Torque to 75 +/- 5 ft-lb (101.7 +/- 6.8 N•m)
31	Torque to 25-35 in-lb (2.8-3.9 N•m)
34	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
36	Torque to 70-90 in-lb (7.9-10.2 N•m)
43	Torque to 200-230 in-lb (22.6-25.6 N•m)
53	Torque to 170-190 in-lb (19.2-21.5 N•m)

GMAX II 7900/TexSpray 7900HD ProContractor Series



Parts List - GMAX II 7900/TexSpray 7900HD ProContractor Series

Ref.	Part	Description	Qty.
1	24D047	FRAME, hose reel	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
5	16C381	TUBE, hydraulic, GMAX 5900/7900	1
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
15	116080	ENGINE, gas, 6.5 HP, Honda	1
	25P296	ENGINE, gas, 6.5HP (China only)	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach (5900/7900)	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring	12
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287466	HOUSING, pinion, 7900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287459	GEAR, combination, 7900	1
33	287470	HOUSING, drive, 7900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
34	116618	MAGNET	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
39	119562	SWITCH, reed w/connector	1
40★		HOUSING, bearing, 7900	1
41▲	15F638	LABEL, GMAX warning fire & skin	1
43	24V086	ROD, connecting, 7900	1
44	16Y749	COVER, front, 7900, *includes 45*	1
45★	118444	SCREW, mach, slot hex wash hd	5
47	16X426	PUMP, displacement, 7900, *includes 86, 89, 90*	1
	16X427	PUMP, displacement, 7900HD, *includes 86*	
63★	112600	WASHER, lock, spring	4
64★	112599	SCREW, cap, socket head	4
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
70	16X821	BOX, control	1
75	16X981	LABEL, ProConnect	1
76	114678	BUSHING, strain relief	1
79★	16X203	CLIP, drain line	1
81	288420	GUN, contractor, RAC X, packaged, 7900	1
	241705	GUN, spray, texture, 7900HD	1
82	189920	STRAINER, (1-11 1/2 NPSM)	1
86		FITTING, pump	
	16Y579	7900	1
	16X835	TexSpray 7900HD	1
87		HOSE, coupled	
	16X904	7900	1
	16X905	TexSpray 7900HD	1
89	248215	TUBE, intake, *includes 90*	1
90	118494	PACKING, o-ring, 7900	1
93	287253	TOOL BOX, *includes 94*	1
94	118852	SCREW, thd forming, hex washer HD	3
100	125926	FITTING, 90 deg	1
106	113161	SCREW, flange, hex hd	3
107	278083	GUIDE, hose	1
108	117633	SCREW, slot hex wash hd	2
109	15F947	SHIELD, magnetic	1
115	114528	SCREW, mach, phillips, pnhd	2
121▲	194126	LABEL, warning	1
126	16X350	LABEL, identification, 7900	1
	16X355	LABEL, identification, TexSpray 7900	
129	290228	LABEL, caution	1
133	114687	CLIP, retainer	1
134	119569	BUSHING, strain relief	1
143	15F354	FUNNEL, oil (not shown)	1
146	116038	WASHER, wave spring	2
149		O-RING	
	107505	7900	1
	102982	TexSpray, 7900HD	1
171★	16X209	PLATE, front, ProConnect II	1
172★	16X324	CLAMP, pump, large	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	112746	NUT, lock, nylon, thin pattern	2
176	120583	NUT, hand, 7900 only	1
177	16X833	FITTING, quick disconnect, 3/8 npsm, 7900 only	1
400	240797	HOSE, coupled, 3/8 in. x 50 ft, 7900	1
	240797	HOSE, coupled, 3/8 in. x 50 ft, 7900HD	2
401	240794	HOSE, coupled, 1/4 in. x 50 ft, 7900	1
402	164672	ADAPTER, 7900	1
	162485	ADAPTER, 7900HD	
403	241735	HOSE, coupled, 1/4 in. x 3 ft mxf, 7900HD	1
404	159841	BUSHING, 7250 psi, 3/8 x 1/4 in., 7900HD	1
405	189018	SWIVEL	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

† *Included in Clutch Replacement Kit 241113.*

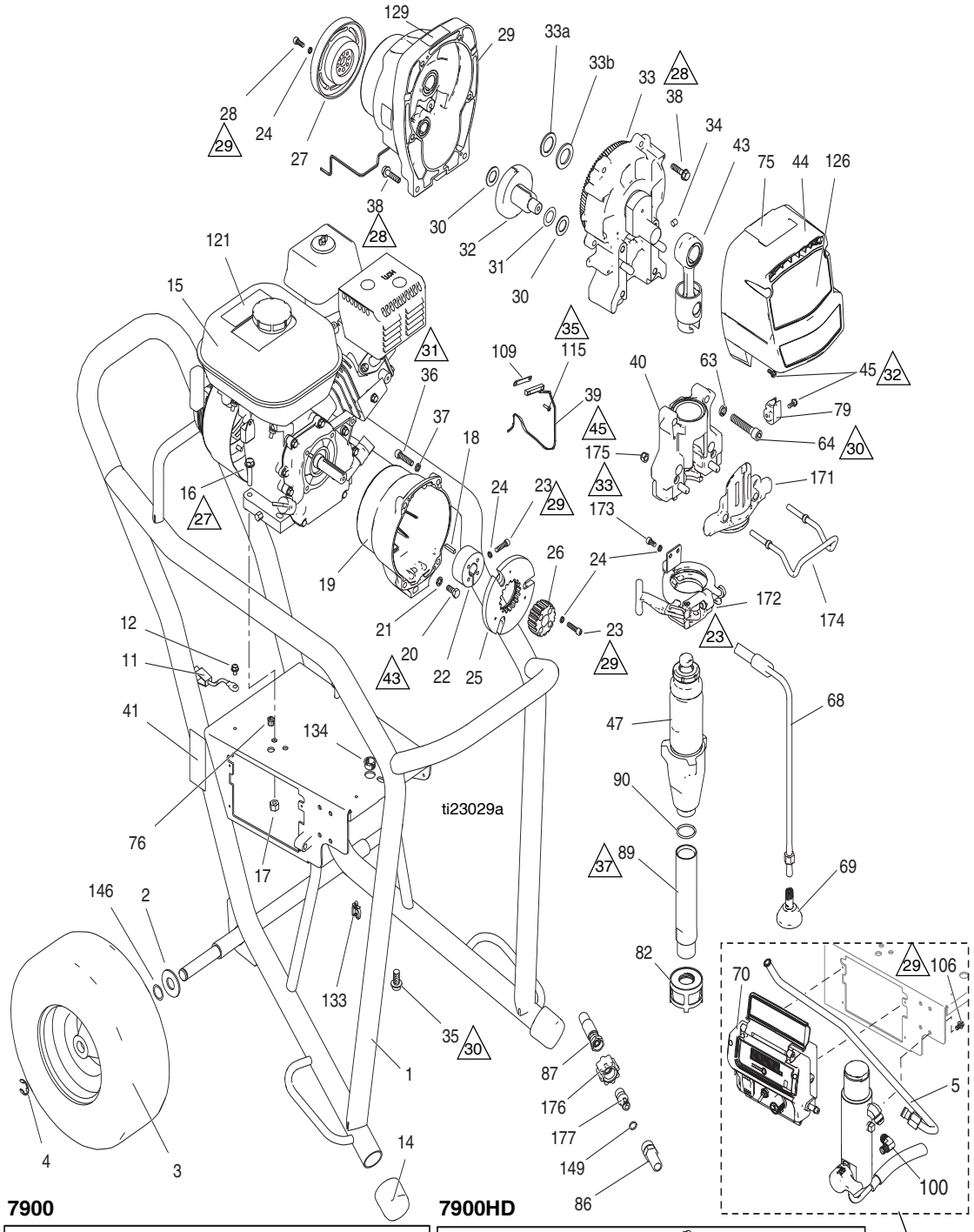
★*Included in bearing housing kit 24V089*

Part Specifications:

Ref.	Instruction
12	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
23	Torque clamp adjustment bolt to 140-160 in-lb (15.8-18.1 N•m) with reference 47 installed and ProConnect in locked position.
24	Torque to 38-42 ft-lb (51.5-56.9 N•m)
25	Torque to 120-130 in-lb (13.4-14.7 N•m)
26	Torque to 40-45 in-lb (4.5-5.1 N•m)
27	Torque to 17-23 ft-lb (23.1-31.2 N•m)
28	Torque to 190-210 in-lb (21.5-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.3 N•m)
30	Torque to 23-29 ft-lb (31.2-39.2 N•m)
31	Torque to 130-150 in-lb (14.7-16.9 N•m)

Ref.	Instruction
32	Torque to 30-45in-lb (3.4-5.1 N•m)
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
35	Torque to 8-12 in-lb (0.9-1.4 N•m)
37	Torque to 70-90 in-lb (7.9-10.2 N•m)
43	Torque to 170-190 in-lb (19.2-21.5 N•m)
45	Torque to 200-230 in-lb (22.6-25.9 N•m)

GMAX II 7900/TexSpray 7900 IronMan



See pages 38 and 43.

Parts List - GMAX II 7900/TexSpray 7900HD IronMan

Ref.	Part	Description	Qty.
1	16X778	FRAME	1
2	156306	WASHER, flat	2
3	122267	WHEEL, foam	2
4	120211	CLIP, retaining	2
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	15C871	CAP, leg	2
15	116080	ENGINE, gas, 6.5 HP, Honda	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, mach, 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring	12
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287466	HOUSING, pinion, 7900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287459	GEAR, combination, 7900	1
33	287470	HOUSING, drive, 7900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
34	116618	MAGNET	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
39	119562	SWITCH, reed w/connector	1
40★		HOUSING, bearing, 7900	1
41▲	15F638	LABEL, GMAX warning fire & skin	1
43	24V086	ROD, connecting, 7900	1
44	16Y749	COVER, front, 7900, *includes 45*	1
45★	118444	SCREW, mach, slot hex wash hd	5
47	16X426	PUMP, displacement, 7900, *includes 86, 89, 90*	1
	16X427	PUMP, displacement, 7900HD, *includes 86*	
63★	112600	WASHER, lock, spring	4
64★	112599	SCREW, cap, socket head	4
65	162485	ADAPTER, nipple (7900HD)	1
68	244240	HOSE, coupled, *includes 69*	1
69	241920	DEFLECTOR, threaded	1
70	16X821	BOX, control	1
75	16X982	LABEL, IronMan series	1
76	114678	BUSHING, strain relief	1
79★	16X203	CLIP, drain line	1
81	24A139	GUN, silver, RAC X, packaged, 7900	1
	241705	GUN, spray, texture, 7900HD	1
82	15V573	STRAINER, (1-11 1/2 NPSM)	1
86		FITTING, pump	
	16Y579	7900	1
	16X835	TexSpray 7900HD	1
87		HOSE, coupled	
	16X904	7900	1
	16X905	TexSpray 7900HD	1
89	248215	TUBE, intake, *includes 90*	1
90	118494	PACKING, o-ring, 7900	1
100	125926	FITTING, 90 deg	1
106	113161	SCREW, flange, hex hd	3
109	15F947	SHIELD, magnetic	1
115	114528	SCREW, mach, phillips, pnhd	2
121▲	194126	LABEL, warning	1
126	16X350	LABEL, identification, 7900	1
	16X355	LABEL, identification, TexSpray 7900	1
129	290228	LABEL, caution	1
133	114687	CLIP, retainer	1
134	119569	BUSHING, strain relief	1
143	15F354	FUNNEL, oil (not shown)	1
146	116038	WASHER, wave spring	2
149		O-RING	
	107505	7900	1
	102982	TexSpray 7900HD	1
171★	16X209	PLATE, front, ProConnect II	1
172★	16X324	CLAMP, pump, large	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	112746	NUT, lock, nylon, thin pattern	2
176	120583	NUT, hand, 7900 only	1
177	16X833	FITTING, quick disconnect, 3/8 npsm, 7900 only	1
180	240797	HOSE, coupled, 3/8 in. x 50 ft, 7900	1
	240797	HOSE, coupled, 3/8 in. x 50 ft, 7900HD	2
181	240794	HOSE, coupled, 1/4 in. x 50 ft	1
182	159841	BUSHING, 7250 psi, 3/8 in. x 1/4 in.	1
184	189018	SWIVEL, assembly	1
187	164672	ADAPTER	1
188	241735	HOSE, cpld, 1/4 in. x 3 ft	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

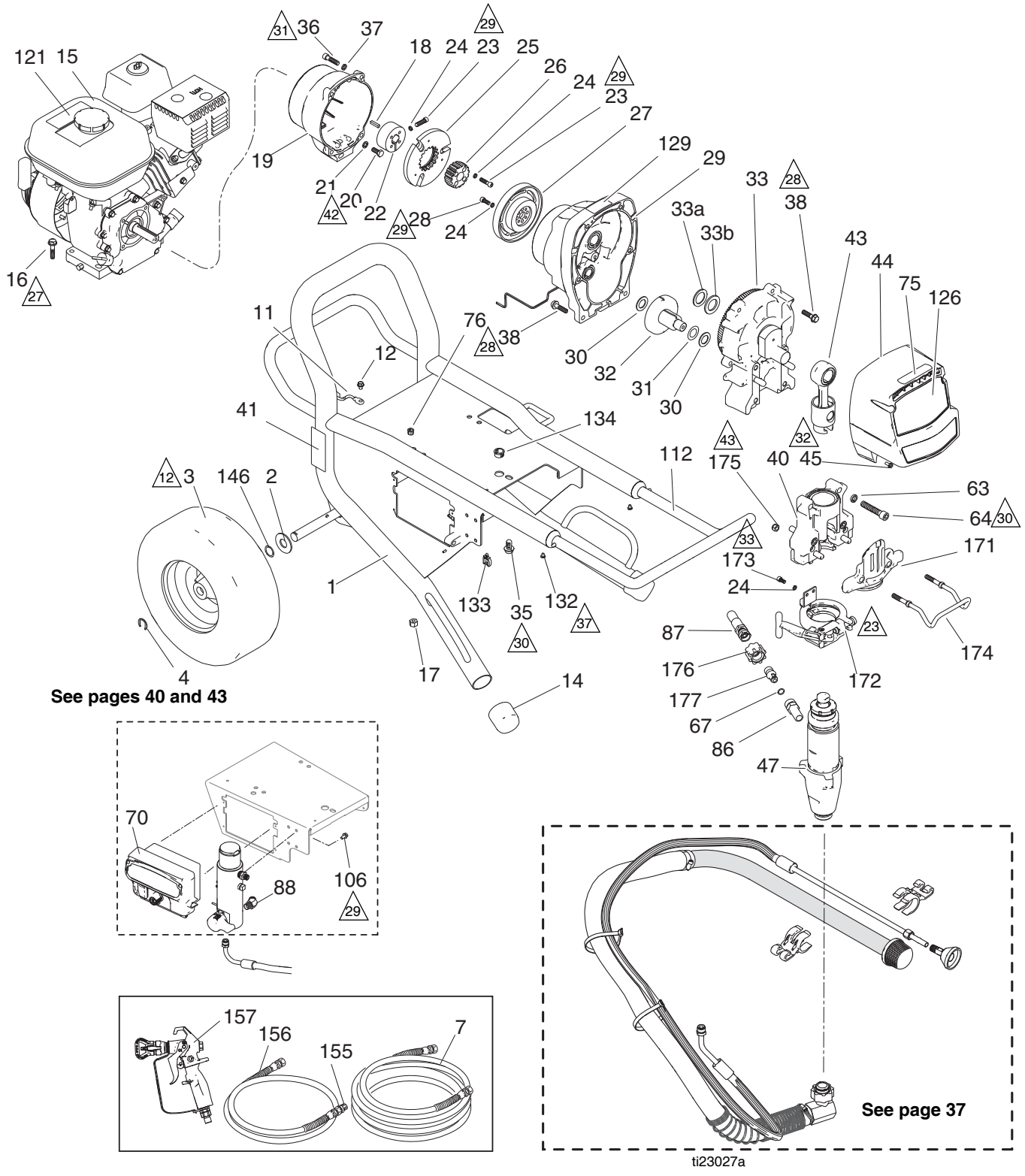
† *Included in Clutch Replacement Kit 241113.*

★*Included in bearing housing kit 24V089*

Part Specifications:

Ref.	Instruction
23	Torque clamp adjustment bolt to 140-160 in-lb (15.8-18.1 N•m) with reference 47 installed and ProConnect in locked position.
27	Torque to 17-23 ft-lb (23.1-31.2 N•m)
28	Torque to 190-210 in-lb (21.5-23.7 N•m)
29	Torque to 115-135 in-lb (12.9-15.3 N•m)
30	Torque to 23-29 ft-lb (31.2-39.3 N•m)
31	Torque to 130-150 in-lb (14.7-16.9 N•m)
32	Torque to 30-45 in-lb (3.4-5.1 N•m)
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
35	Torque to 8-12 in-lb (0.9-1.4 N•m)
37	Torque to 70-90 in-lb (7.9-10.2 N•m)
43	Torque to 170-190 in-lb (19.2-21.5 N•m)
45	Torque to 200-230 in-lb (22.5-25.9 N•m)

GMAX II 7900 Lo-Boy



Parts List - GMAX II 7900/Lo-Boy

Ref.	Part	Description	Qty.
1	16Y519	FRAME	1
2	156306	WASHER, flat	2
3	119509	WHEEL, pneumatic	2
4	15E891	CLIP, retaining	2
7	240797	HOSE, coupled, 3/8 in. x 50 ft	1
11	237686	WIRE, ground assembly w/ clamp	1
12	112798	SCREW, thread forming, hex hd	1
14	276974	CAP, leg	2
15	116080	ENGINE, gas, 6.5 HP, Honda	1
	25P296	ENGINE, gas, 6.5HP (China only)	1
16	110837	SCREW, flange, hex	2
17	110838	NUT, lock	2
18	183401	KEY, parallel	1
19	15E277	HOUSING, clutch, 5900/7900	1
20	108842	SCREW, cap, hex hd	4
21	100214	WASHER, lock	4
22	193680	COLLAR, shaft	1
23†	108803	SCREW, hex, socket head	6
24†	105510	WASHER, lock, spring	12
25†		ARMATURE, clutch, 5 in.	1
26†		HUB, armature	1
27†		ROTOR, clutch, 5 in.	1
28†	101682	SCREW, cap, sch	4
29	287466	HOUSING, pinion, 7900	1
30	114672	WASHER, thrust	2
31	114699	WASHER, thrust	1
32	287459	GEAR, combination, 7900	1
33	287470	HOUSING, drive, 7900, *includes 33a, 33b*	1
33a	116192	WASHER, thrust	1
33b	194173	WASHER	1
35	112395	SCREW, cap, flng hd	1
36	102962	SCREW, cap sch	4
37	104008	WASHER, lock, spring	4
38	15C753	SCREW, mach, hex wash hd	6
40★		HOUSING, bearing	1
41▲	15F638	LABEL, GMAX warning fire & skin	1
43	24V086	ROD, connecting, 7900	1
44	16Y749	COVER, front, 7900, *includes 45*	1
45★	118444	SCREW, mach, slot hex wash hd	4
47	16X426	PUMP, displacement, 7900, *includes 86, 89, 90*	1
63★	112600	WASHER, lock, spring	4
64★	112599	SCREW, cap, socket head	4
67	107505	O-RING	1
70	16X822	BOX, control	1
75	16X979	LABEL, Proconnect	1
76	114678	BUSHING, strain relief	1
86	16Y579	FITTING, pump	1
87	16X950	HOSE, coupled	1
88	122533	FITTING, 45 deg	1
106	113161	SCREW, flange, hex hd	3
112	16Y780	HANDLE, cart	1
121▲	194126	LABEL, warning	1
126	16X350	LABEL, identification	1
129	290228	LABEL, caution	1
132	109032	SCREW, mach, pnh	4
133	114687	CLIP, retainer	1
134	119569	BUSHING, strain relief	1
146	116038	WASHER, wave spring	2
155	159841	BUSHING, 7250 psi, 3/8 in. x 1/4 in.	1
156	241735	HOSE, cpld, 1/4 in. x 3 ft	1
157	288420	GUN, contractor, RAC X, packaged	1
171★	16X209	PLATE, front, ProConnect II, 7900	1
172★	16X324	CLAMP, pump, large	1
173★	101550	SCREW, cap, sch	2
174★	16C457	HANGER, pail	1
175★	112746	NUT, lock, nylon, thin pattern	2
176	120583	NUT, hand	1
177	16X833	FITTING, quick disconnect, 3/8 npsm	1
▲	16Y631	LABEL, warning	1
▲	16Y632	LABEL, warning	1
▲	16Y633	LABEL, warning	1

▲ *Replacement Danger and Warning Labels, Tags and Cards are available at no cost.*

† *Included in Clutch Replacement Kit 241113.*

Suction Kit 16Y760 Kit is available

★*Included in bearing housing kit 24V089*

Part Specifications:

Ref.	Instruction
△12	Inflate tires to 28-32 psi (1.93-2.21 bar/0.193-0.221 MPa)
△23	Torque clamp adjustment bolt to 140-160 in-lb (15.8-18.1 N•m) with reference 47 installed and ProConnect in locked position.
△27	Torque to 17-23 ft-lb (23.1-31.2 N•m)
△28	Torque to 190-210 in-lb (21.5-23.7 N•m)
△29	Torque to 115-135 in-lb (12.9-15.3 N•m)
△30	Torque to 23-29 ft-lb (31.2-39.3 N•m)
△31	Torque to 130-150 in-lb (14.7-16.9 N•m)

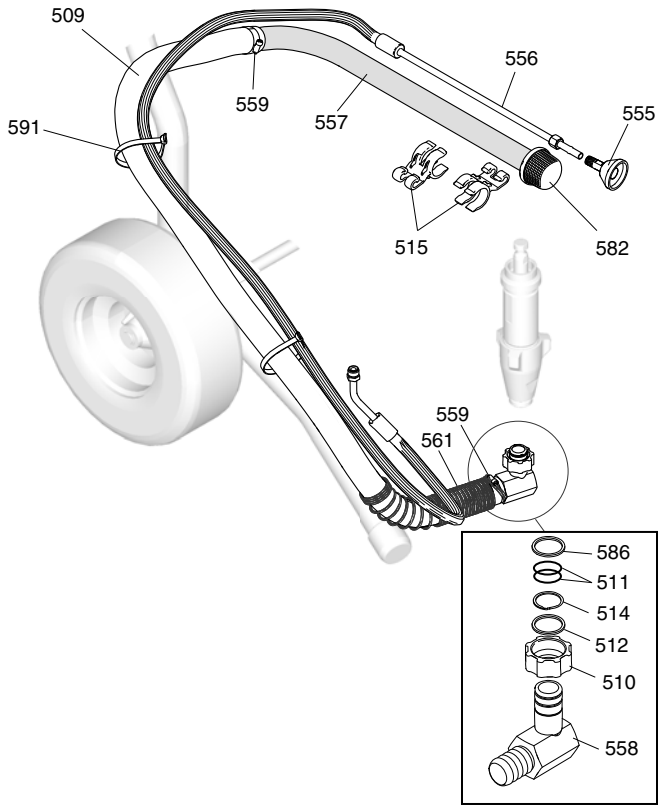
Ref.	Instruction
32	Torque to 30-45 in-lb (3.4-5.1 N•m)
33	Torque to 90-110 in-lb (10.2-12.4 N•m)
37	Torque to 25-35 in-lb (2.8-3.9 N•m)
42	Torque to 170-190 in-lb (19.2-25.9 N•m)
43	Torque to 200-230 in-lb (22.5-25.9 N•m)

LoBoy Suction Set Kits

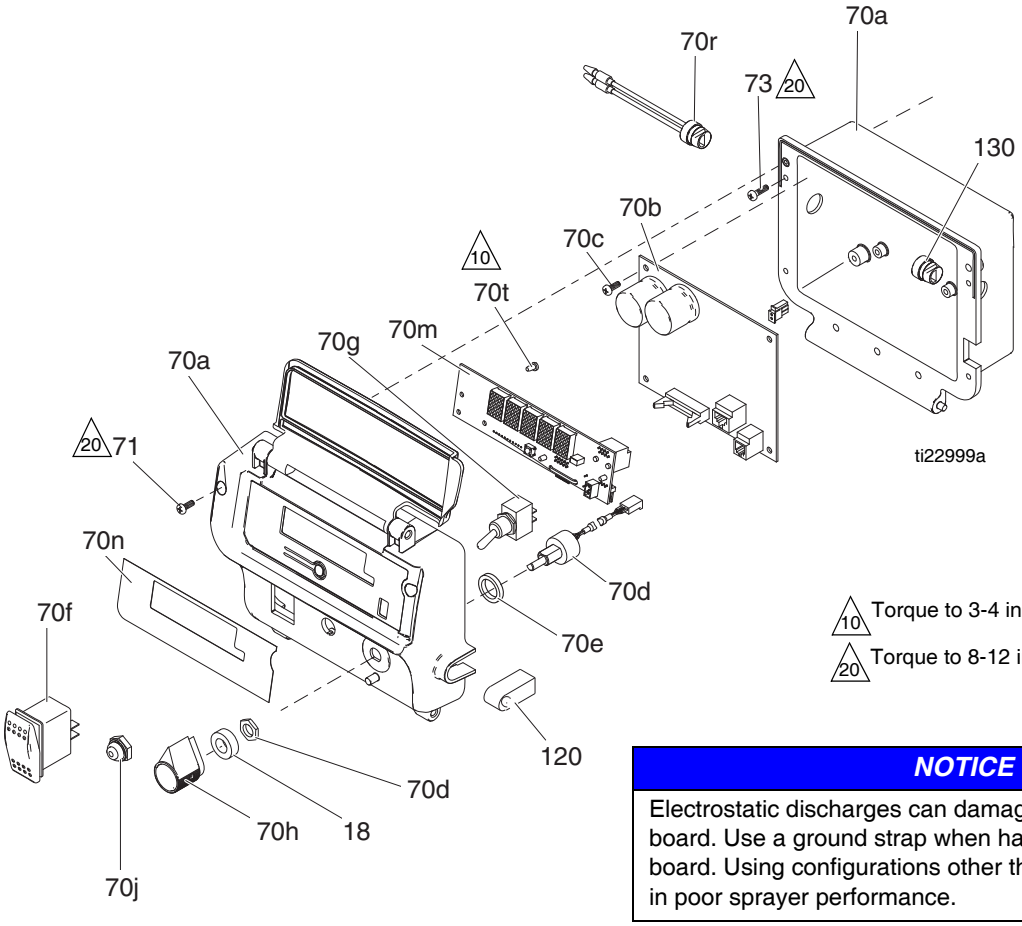
(Kits include suction set and drain hose)

GMAX II 3900/5900/7900
5 Gallon Kit: 16Y759 (included with 3900 and 5900)
30 - 55 Gallon Kit: 16Y760 (included with 7900)

Ref.	Part	Description	Qty.
509	24W028	HOSE, suction 5 gallon, *includes 510, 511, 512, 514, 557, 558, 559, 561*	1
	24U917	HOSE, suction 30 - 55 gallon, *includes 510, 511, 512, 514, 557, 558, 559, 561*	1
510	15C980	NUT, jam	1
511	15H854	O-RING	2
512	15C981	WASHER, suction, swivel	1
514	118505	RING, retaining, external	1
515	15D000	CLIP, drain line	2
555	241920	DEFLECTOR	1
556		HOSE, drain, *includes 555*	
	288732	5 gallon	1
	246331	30 - 55 gallon	1
557		TUBE, suction	
	15D157	5 gallon	1
	15F171	30 - 50 gallon	1
558	24A561	FITTING, elbow, barbed, *includes 510, 512, 514*	1
559	120330	CLAMP, hose	2
561	176450	GUARD, hose	1
582	189920	STRAINER, 1-11 1/2 npsm	1
586		Washer	1
	115099	3900/5900	
	119566	7900	
591		TIE STRAP	2



Control Box 16X821

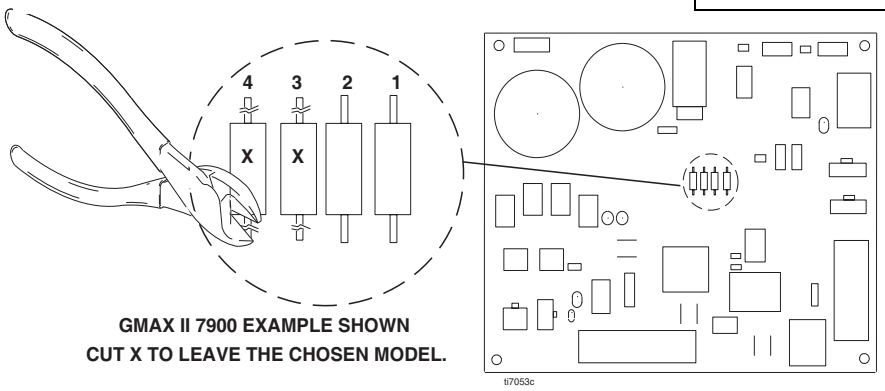


10 Torque to 3-4 in-lb (0.4-0.5 N•m)

20 Torque to 8-12 in-lb (0.9-1.3 N•m)

NOTICE

Electrostatic discharges can damage components on PC board. Use a ground strap when handling or installing PC board. Using configurations other than those listed results in poor sprayer performance.



GMAX II 7900 EXAMPLE SHOWN
CUT X TO LEAVE THE CHOSEN MODEL.

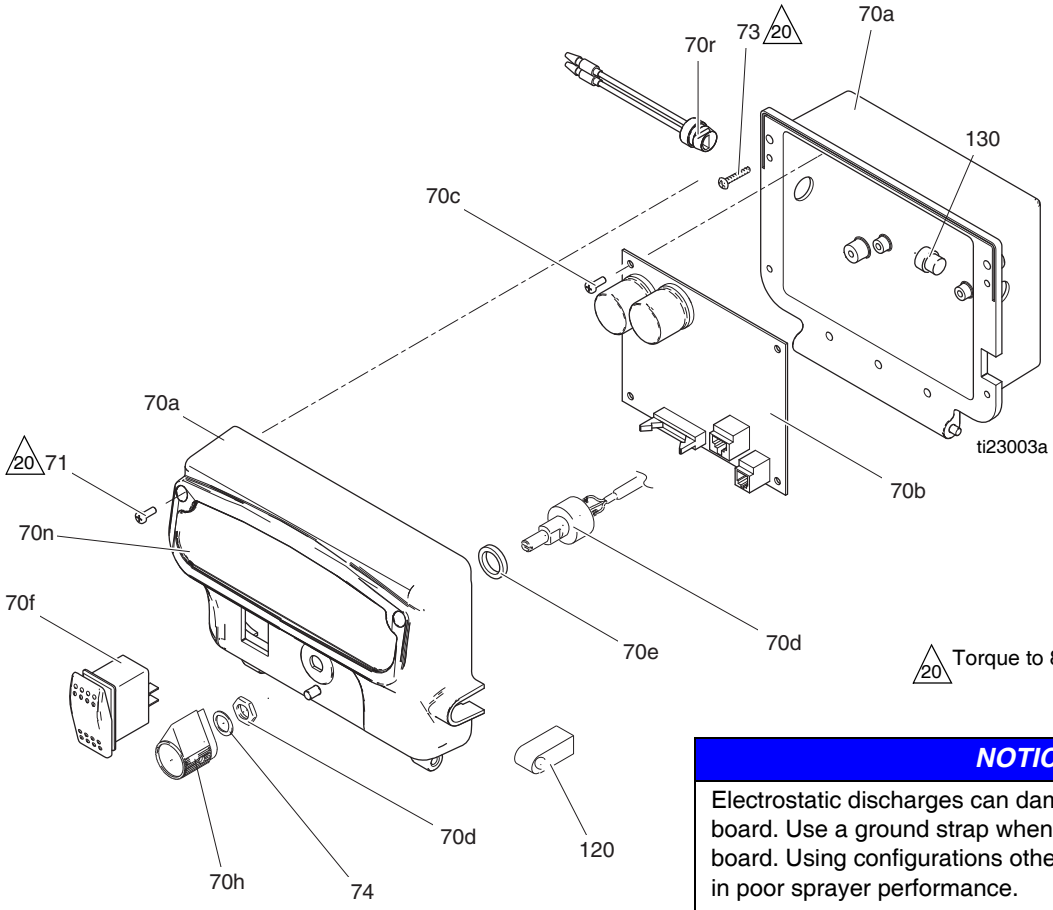
1. Refer to your sprayer repair manual for the procedures.
2. Perform **Pressure Relief Procedure**.
3. Remove pressure control cover.
4. Remove PC board.
5. Cut out and remove the resistor(s) on PC board according to figure and table.
6. Install PC board.
7. Install pressure control cover.

	3900		5900			7900	
	GMAX II 3900	International GMAX II 3900	GMAX II 5900/5900HD	GMAX II 5900/5900HD International	GMAX II 5900 Convertible	GMAX II 7900/7900HD	GMAX II 7900/7900HD International
1	x	x					x
2			x	x			
3		x	x			x	x
4				x	x	x	x

Parts List - Control Box 16X821

Ref.	Part	Description	Qty.
18	15C973	GASKET	1
70	16X821	CONTROL BOX	
70a	24U347	BOX	1
70b	17A095	CONTROL, board	1
70c	117317	SCREW, plastite, pan head	4
70d	256219	POTENTIOMETER	1
70f	116752	SWITCH, rocker	1
70e	198650	SPACER, shaft	1
70g	119541	SWITCH, toggle	1
70h	116167	KNOB, potentiometer	1
70j	195428	BOOT, toggle	1
70m	16Y496	KIT, display, *includes 70t*	1
70n	16X801	LABEL, brand	1
70r	119545	BUSHING, strain, relief	1
70t	115522	SCREW, mach, pnh	3
71	116585	SCREW, pan, X recess, sst	2
73	113160	SCREW, mach, slot, hex wash hd	4
120	16Y415	GASKET, transducer	1
130	119545	BUSHING, strain, relief	1

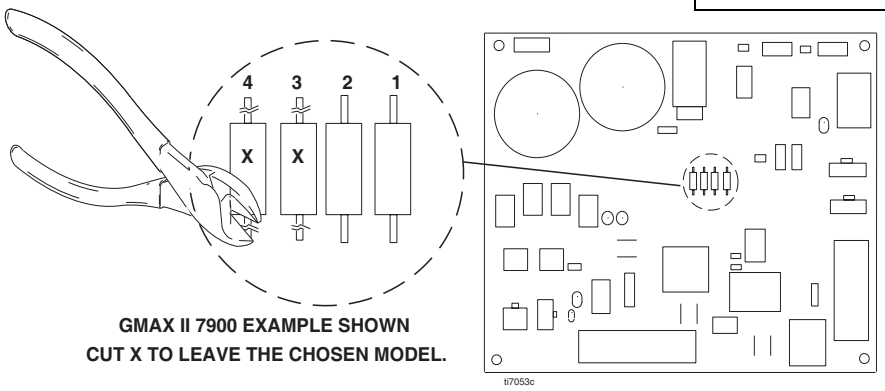
Control Box 16X822



20 Torque to 8-12 in-lb (0.9-1.3 N•m)

NOTICE

Electrostatic discharges can damage components on PC board. Use a ground strap when handling or installing PC board. Using configurations other than those listed results in poor sprayer performance.



GMAX II 7900 EXAMPLE SHOWN
CUT X TO LEAVE THE CHOSEN MODEL.

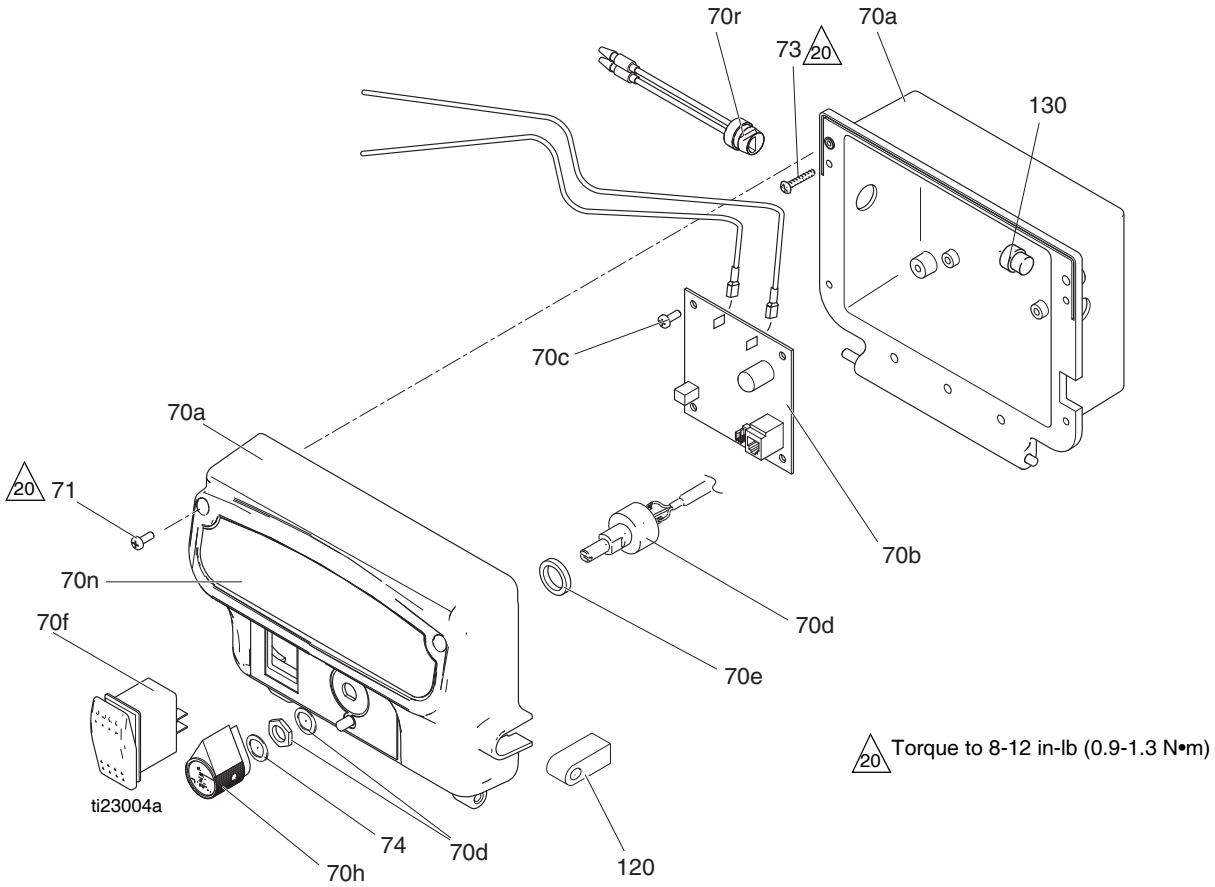
1. Refer to your sprayer repair manual for the procedures.
2. Perform **Pressure Relief Procedure**.
3. Remove pressure control cover.
4. Remove PC board.
5. Cut out and remove the resistor(s) on PC board according to figure and table.
6. Install PC board.
7. Install pressure control cover.

	3900		5900			7900	
	GMAX II 3900	**International GMAX II 3900**	**GMAX II 5900/5900HD**	**GMAX II 5900/5900HD International**	**GMAX II 5900 Convertible**	**GMAX II 7900/7900HD**	**GMAX II 7900/7900HD International**
1	**x**	**x**					**x**
2			**x**	**x**			
3		**x**	**x**			**x**	**x**
4				**x**	**x**	**x**	**x**

Parts List - Control Box 16X822

Ref.	Part	Description	Qty.
70	16X822	CONTROL BOX	
70a	24U346	BOX	1
70b	17A095	CONTROL, board	1
70c	117317	SCREW, plastite, pan head	4
70d	256219	POTENTIOMETER	1
70e	198650	SPACER, shaft	1
70f	116752	SWITCH, rocker	1
70h	116167	KNOB, potentiometer	1
70n	16Y782	LABEL, brand	1
70r	119545	BUSHING, strain, relief	1
71	116585	SCREW, pan, X recess, sst	2
73	116585	SCREW, pan, X recess, sst (5900 Convertible)	4
	113160	SCREW, mach, slot, hex wash hd	4
74	15C973	GASKET	1
120	16Y415	GASKET, transducer	1
130	119545	BUSHING, strain, relief	1

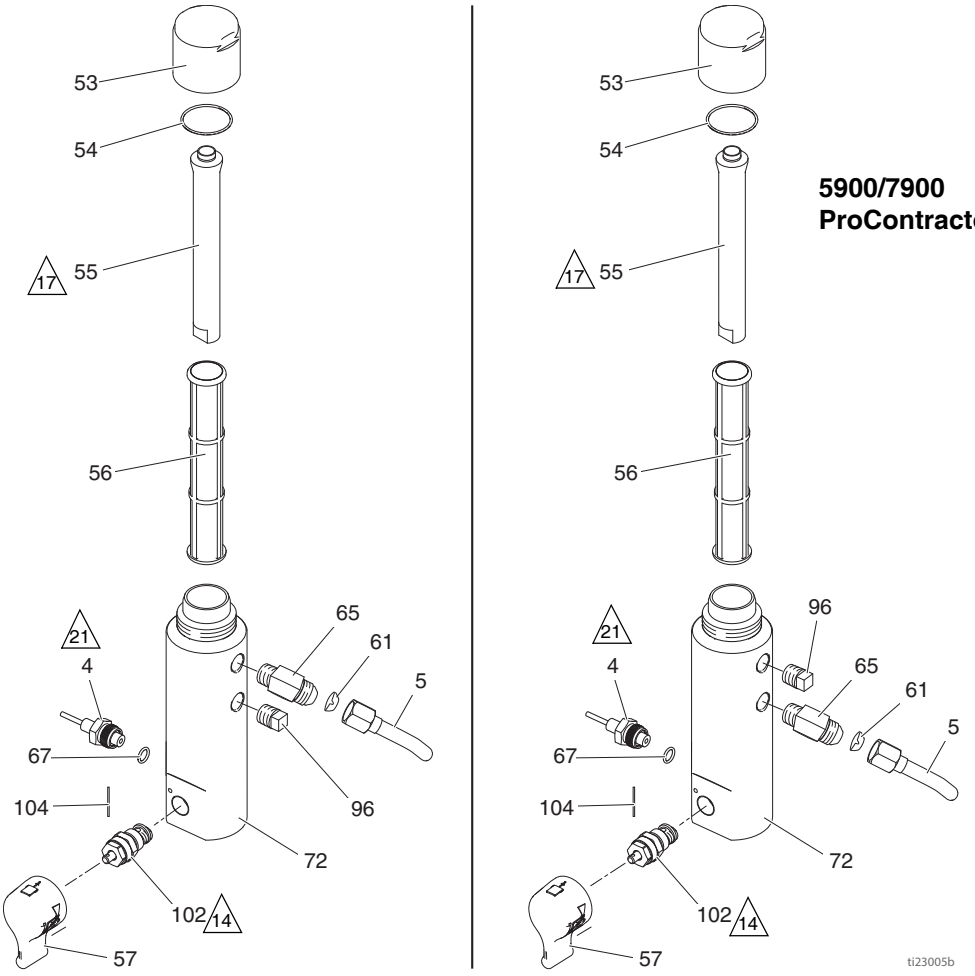
Control Box 16X744



Parts List - Control Box 16X744

Ref.	Part	Description	Qty.
70	16X744	CONTROL BOX, GMAX 3400	
70a	24U346	BOX	1
70b	287486	KIT, repair, control board	1
70c	117317	SCREW, plastite, pan head	4
70d	256219	POTENTIOMETER	1
70e	198650	SPACER, shaft	1
70f	116752	SWITCH, rocker	1
70h	116167	KNOB, potentiometer	1
70n	16Y782	LABEL, brand	1
70r	119545	BUSHING, strain, relief	1
71	116585	SCREW, pan, X recess, sst	2
73	116585	SCREW, pan, X recess, sst (5900 Convertible)	4
	113160	SCREW, mach, slot, hex wash hd	4
74	15C973	GASKET	1
120	16Y415	GASKET, transducer	1
130	119545	BUSHING, strain, relief	1

Filter



5900/7900
ProContractor Only

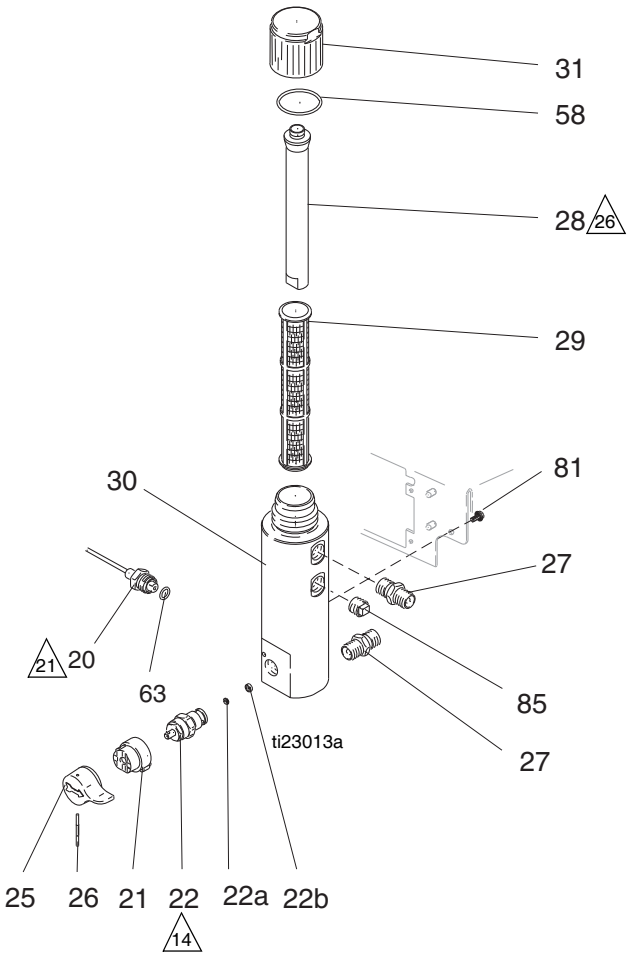
Parts List - Filter

Ref.	Part	Description	Qty.
4	243222	TRANSDUCER, pressure control *includes 63*	1
5	16C381	TUBE, GMAX 5900/7900 (ProContractor)	1
	16C384	TUBE, GMAX 3900 (ProContractor)	1
53	287285	CAP, filter, *includes 54, 55*	1
54	117285	PACKING, o-ring	1
55	15C766	TUBE, diffusion	1
56	244067	FILTER, fluid	1
57	24E234	KIT, handle 2 position	1
61	123739	SEAL, fitting, flared	1
65	122533	FITTING, 45 deg elbow (ProConnect)	1
	162485	FITTING, adapter (7900, IronMan)	1
	196177	FITTING, adapter (3900/5900 Standard, Convertible and Lo-Boy)	1
	196178	FITTING, adapter (5900 IronMan/ 7900 Standard/5900HD/7900HD Standard)	1
67	111457	PACKING, o-ring	1
72	15E284	HOUSING, filter	1
96	15G331	PLUG, pipe	1
102	257352	VALVE, prime, heavy duty, *includes 57, 104*	1
104	15C972	PIN, spring	1

Part Specifications:

Ref.	Instruction
14	Torque to 130-150 in-lb (14.6-16.9 N•m)
17	Torque to 90-110 in-lb (10.1-12.4 N•m)
21	Torque to 35-45 ft-lb (47.4-61.0 N•m)

Filter (3400 Models only)



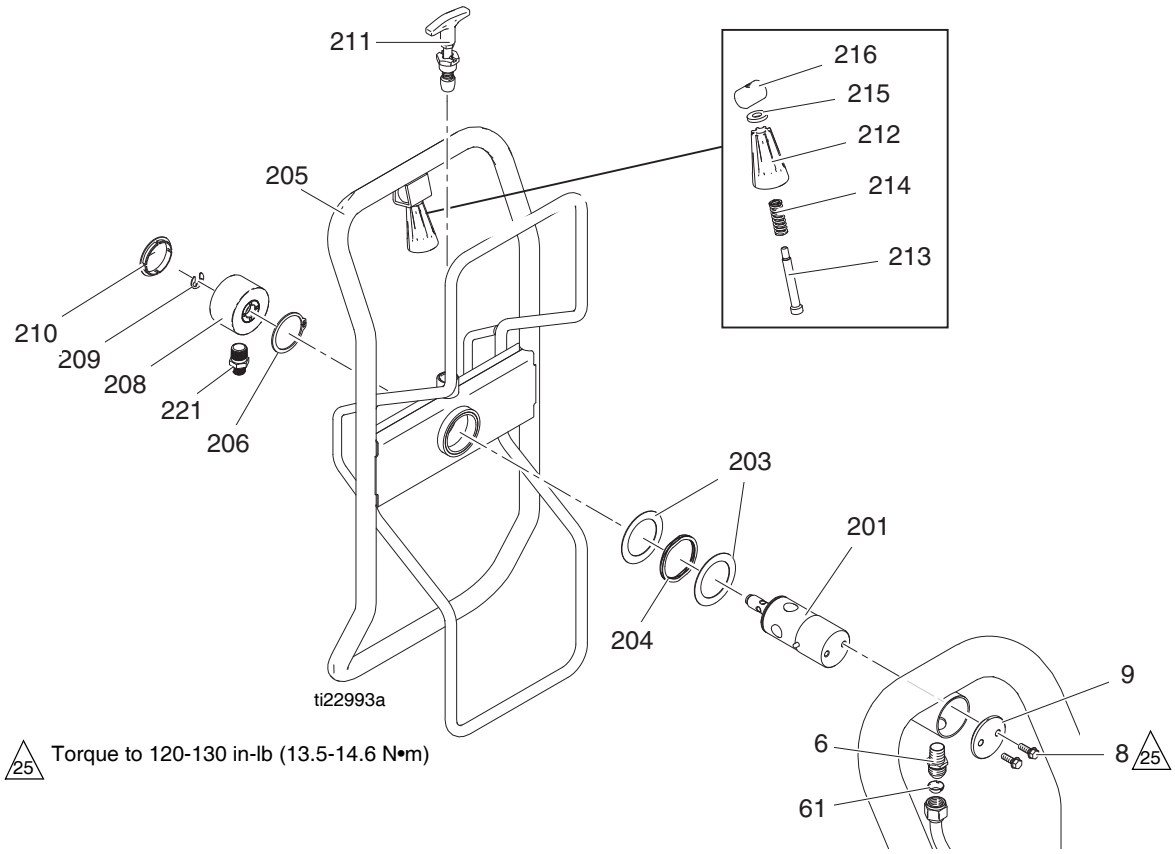
Parts List - Filter

Ref.	Part	Description	Qty.
20	243222	TRANSDUCER, pressure control, *includes 63*	1
21	224807	BASE, valve	1
22	235014	VALVE, drain, *includes 22a, 22b*	1
25	15C780	HANDLE,	1
26	15C972	PIN, grooved	1
27	196177	NIPPLE, adapter	2
28	15C766	TUBE, diffusion	1
29	244067	FILTER, fluid	1
30	15E284	HOUSING, filter	1
31	287285	CAP, filter, *includes 28, 58*	1
58	117285	O-RING	1
63	111457	O-RING	1
81	113161	SCREW, flange, hex hd	3
85	15G331	PLUG, pipe	1

Part Specifications:

Ref.	Instruction
14	Torque to 130-150 in-lb (14.6-16.9 N•m)
21	Torque to 35-45 ft-lb (47.4-61.0 N•m)
26	Torque to 90-110 in-lb (10.1-12.4 N•m)

Hose Reel (ProContractor Sprayers)

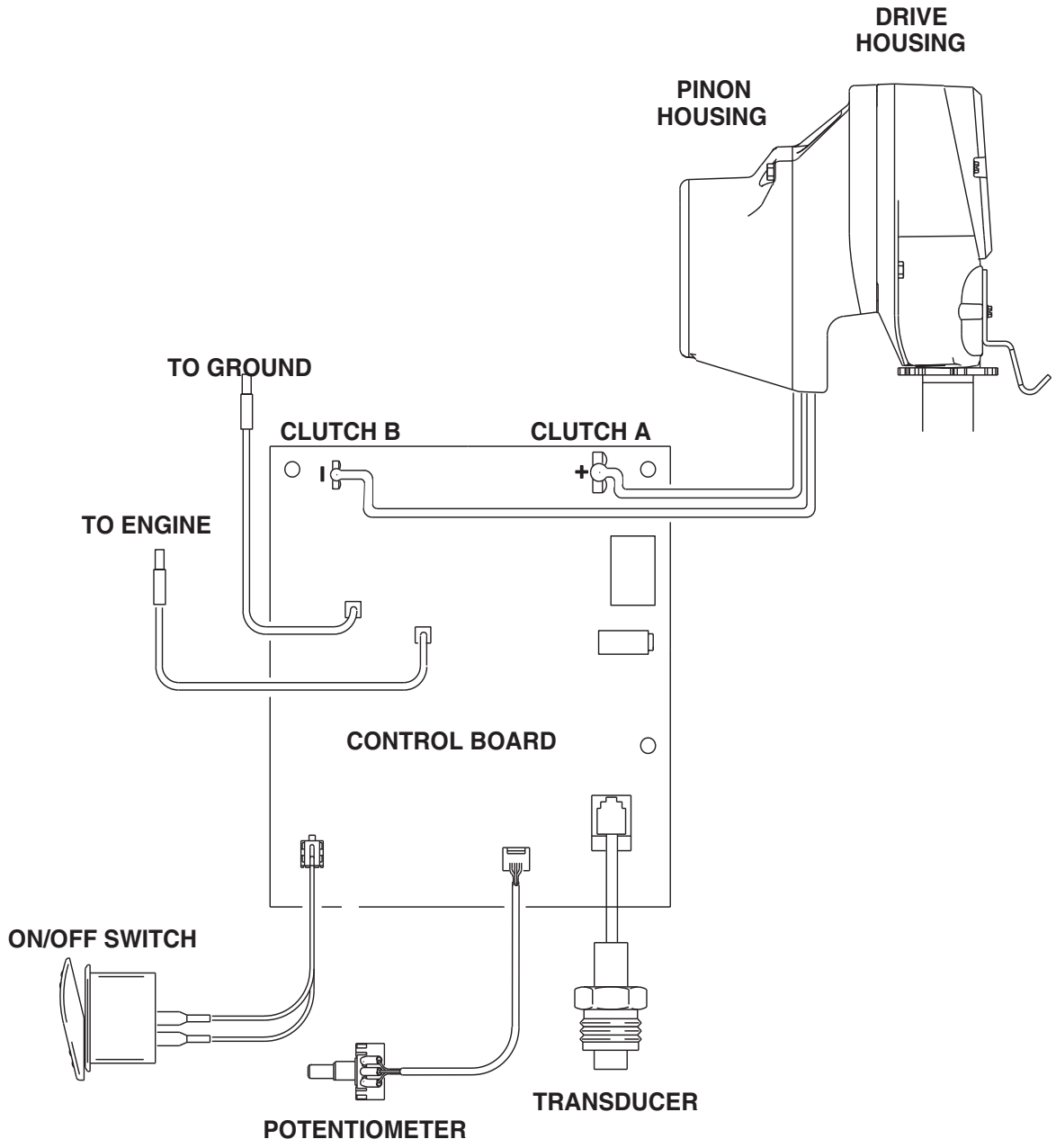


Parts List - Hose Reel (ProContractor Sprayers)

Ref.	Part	Description	Qty.
6	121311	FITTING, connector, NPT x JIC	1
8	260212	SCREW, hex washer hd	2
9	16C975	PLATE, pivot mount	1
61	123739	SEAL, fitting, flared	1
201	24E016	TUBE, hose reel, pivot	1
203	122607	WASHER, flat	2
204	122534	SPRING, wave	1
205	24B691	REEL, hose	1
206	122524	RING, retaining, external	1
208	24B248	CAP, swivel, complete	1
209	122347	RING, retaining, external	1
210	122787	CAP	1
211	24E400	PIN, pop, lock out	1
212	278085	HANDLE, swivel	1
213	122518	SCREW, shoulder, sch	1
214	122542	SPRING, die	1
215	122669	WASHER, flat	1
216	15X618	NUT, swivel, handle	1
221	164672	ADAPTER (3900/5900 ProContractor only)	1
	162485	ADAPTER	1

Pressure Control Wiring Diagrams

GMAX 3400 Sprayers



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Graco reserves the right to make changes at any time without notice.

Original instructions. This manual contains English. MM 332921

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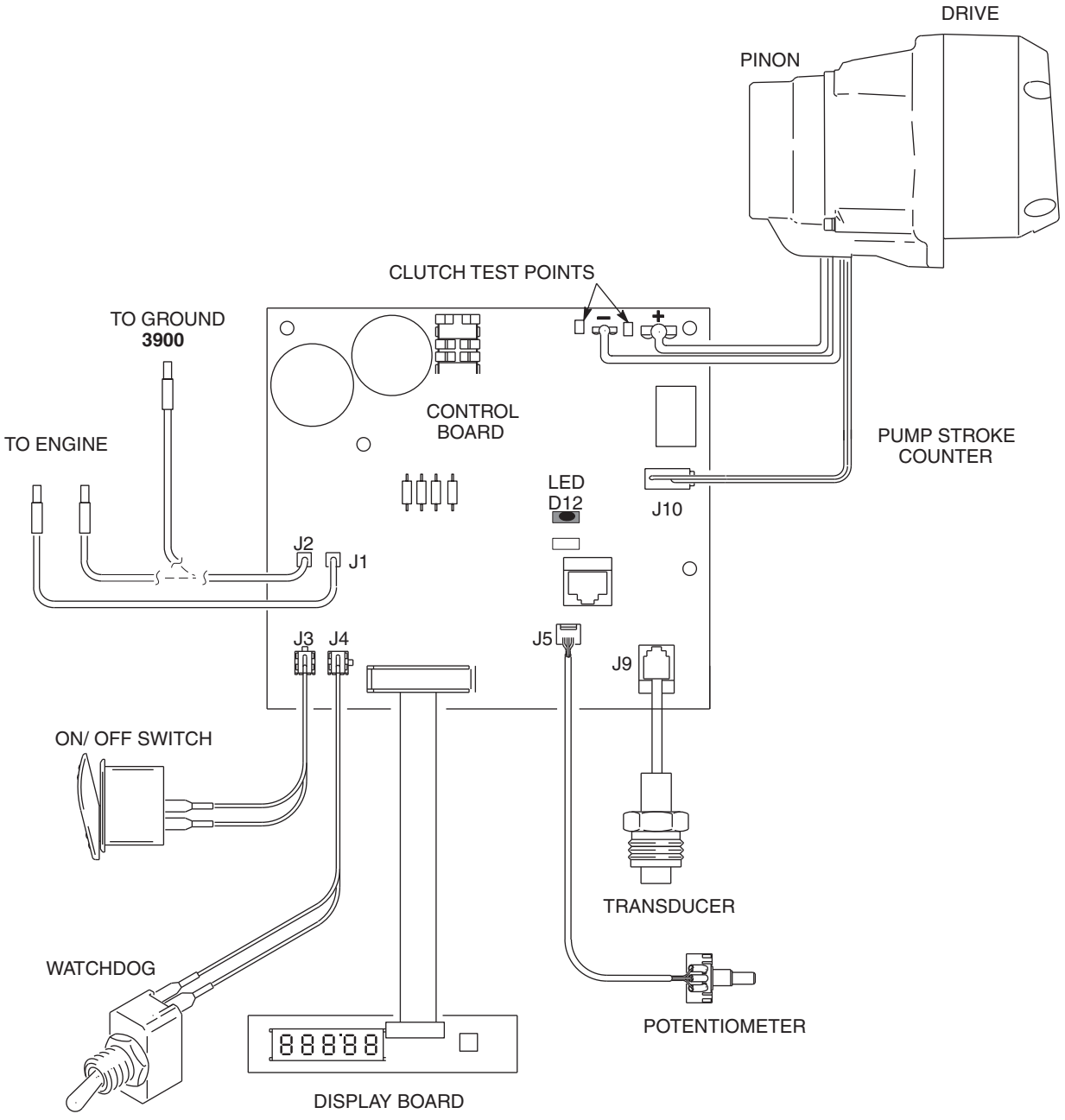
Revision H, May 2019

3900/5900/7900 Sprayers



Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

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Graco Information

For the latest information about Graco products, visit www.graco.com.

For patent information, see www.graco.com/patents.

TO PLACE AN ORDER, contact your Graco distributor or call 1-800-690-2894 to identify the nearest distributor.

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Original instructions. This manual contains English. MM 332921

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