

# GH<sup>TM</sup> 833 Sprayers

311484S  
EN



## IMPORTANT SAFETY INSTRUCTIONS

Read all warnings and instructions in this manual and related manuals.  
Be familiar with the controls and the proper usage of the equipment.  
Save these instructions.

**Models: 249318, 249617, 253471, 253472, 16U287, 16U288, 16V258, 16V260, 249318V, 16U287V**

*Maximum Working Pressure 4000 psi (27.6 MPa, 276 bar)*

## Related Manuals



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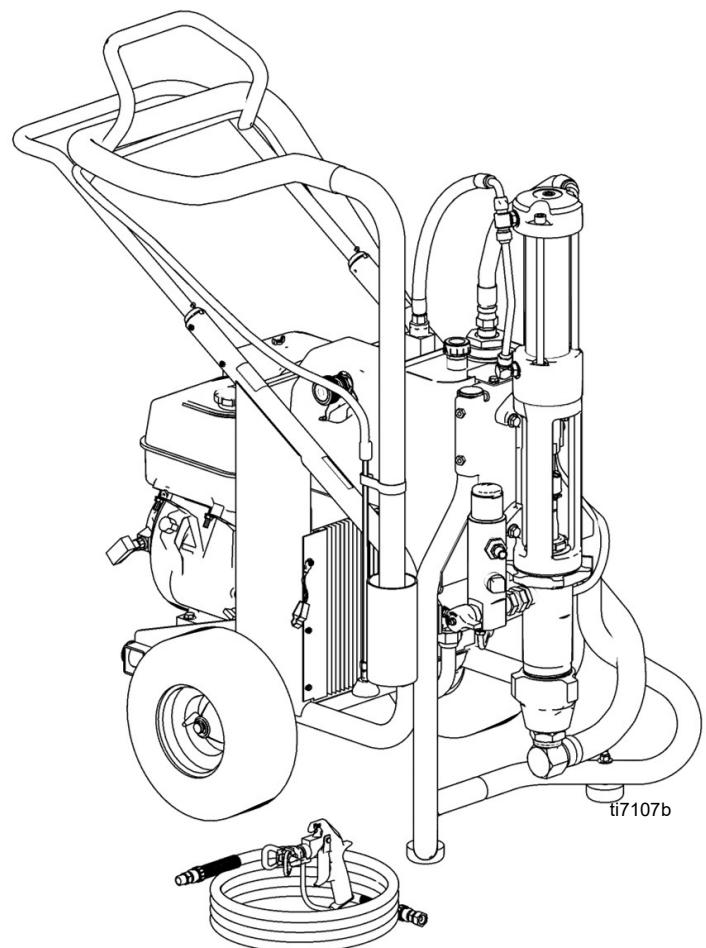
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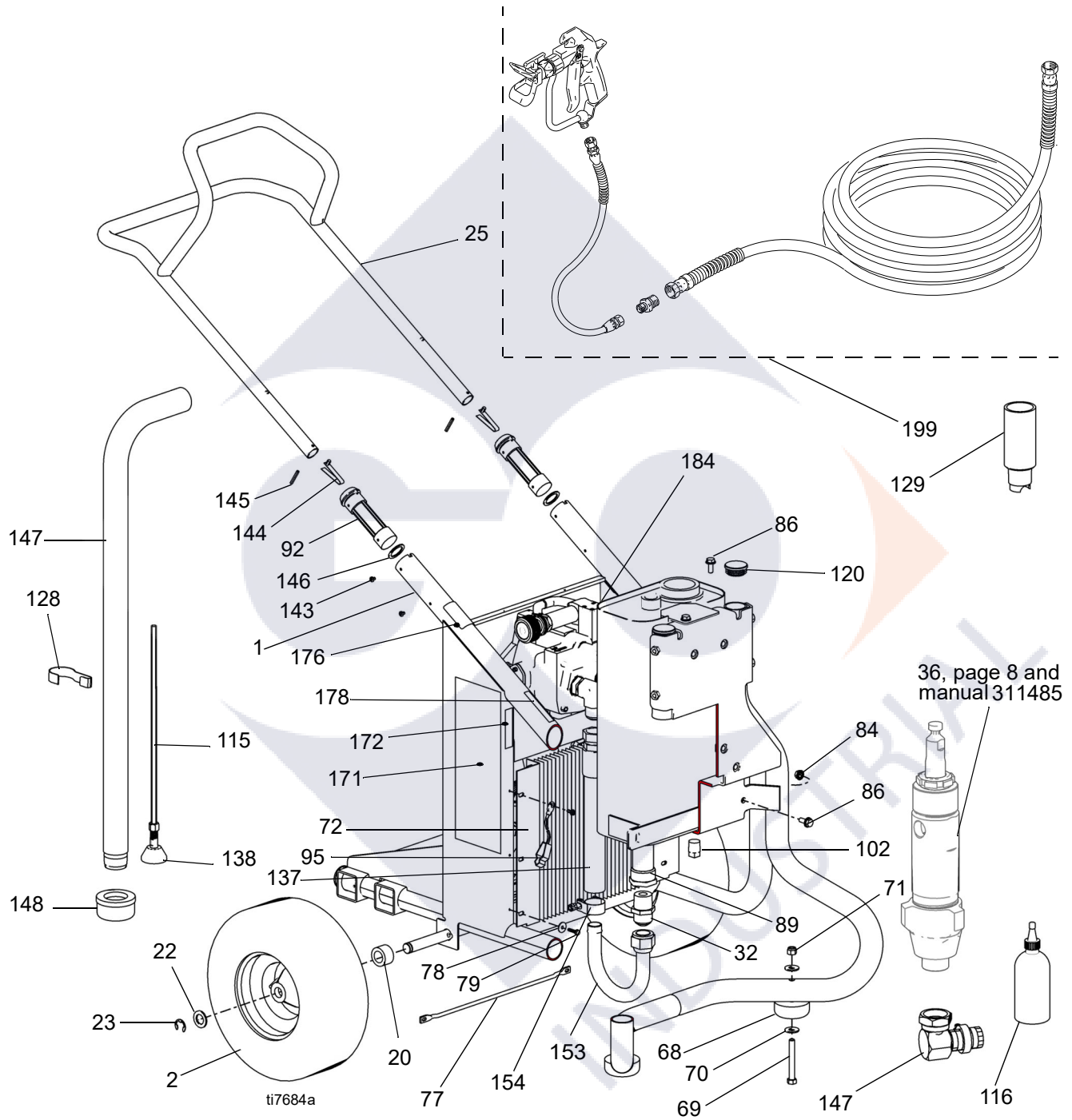
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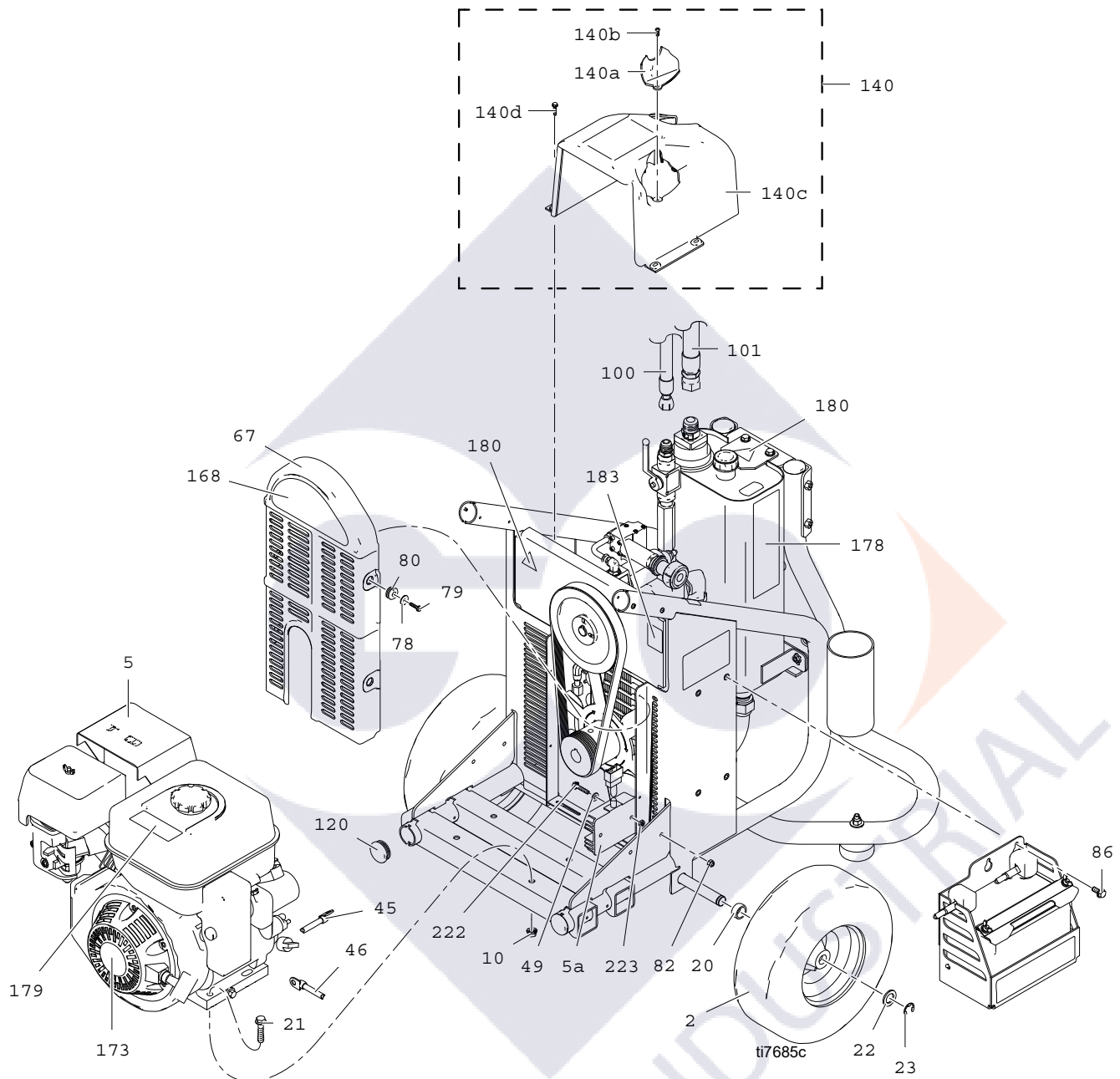
# Parts - Frame



## Parts List - Frame

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	15G839	FRAME, GH833, painted	1	137	15G813	HOSE, coupled	1
2	119509	WHEEL, pneumatic	2	138	241920	DEFLECTOR, threaded	1
20	15G547	SPACER, axel	2	143	109032	SCREW, mach, pnh	4
22	154628	WASHER	2	144	112827	BUTTON, snap	2
23	120211	RING, retaining, e-ring	2	145	108068	PIN, spring straight	2
25	287797	KIT, handle, includes 92, 143, 144, 145, 146	1	146	116891	WASHER	2
32	120068	FITTING, hydraulic	1	147		KIT, suction hose, includes 148	1
68	801504	FOOT, rubber	2	147a	287916	standard, non-slvst res	1
69	100454	SCREW, cap hex hd	2	147b	287915	slvt rest, optional	1
70	100132	WASHER, flat	4	147c	287936	2-inch, non-slvst	1
71	101566	NUT, lock	2	148	237840	STRAINER	1
72	287925	COOLER, oil	1	153	15G541	TUBE, J suction	1
77	15H480	BAR, support	1	154	101818	CLAMP, hose	1
78	120339	WASHER, fender	4	171	15G879	LABEL, side, GH833	2
79	C20474	SCREW, self tapping	6	166	222385	TAG, warning	1
84	110996	NUT, hex, flanged	2	▲172	15G906	LABEL, lift here	2
86	110963	SCREW, cap, flng hd	4	▲178	194317	LABEL, danger, English	1
89	120137	FILTER, suction	1	▲184	15F146	LABEL set	1
92	15G797	SLEEVE, handle, included in 25	2	199		KIT, gun and hose	1
95	237686	WIRE, ground assembly w/clam	1	❖199a	287850	silver, optional	1
102	124489	PLUG, pipe	1	199b	287851	flex, optional	1
115	245440	KIT, hose drain, includes 138	1	199c	287852	texture, hd, optional	1
116	206994	TSL, 8-oz	1	▲ Replacement Danger and Warning labels, tags, and cards are available at no cost. ❖ Available with models 249617 and 253472 only.			
120	120314	PLUG, tube	2				
128	198542	CLIP, spring	1				
129	287796	KIT, suction tube, includes 148	1				

# Parts - Engine and Hoses



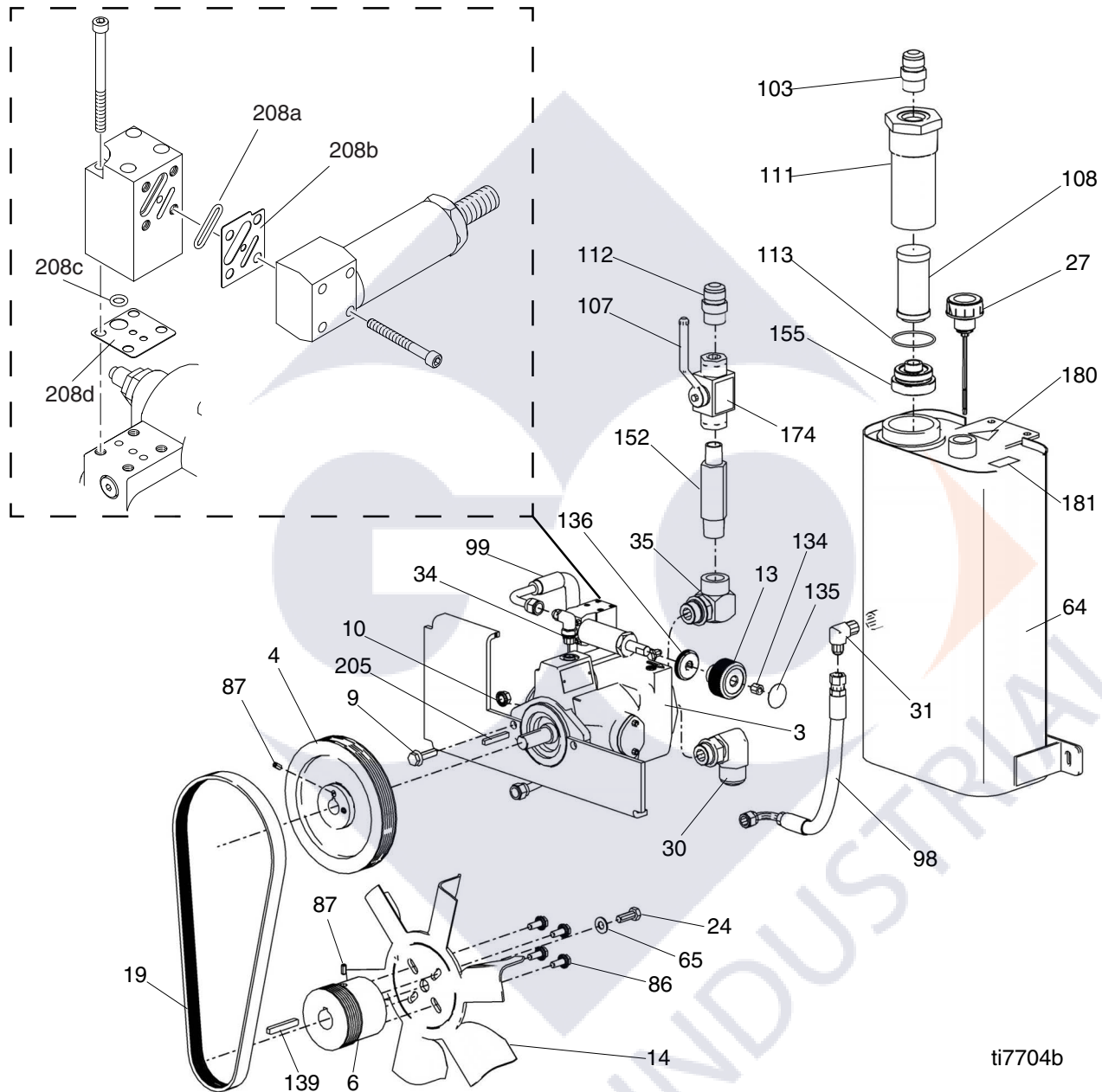
## Parts List - Engine and Hoses

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
2	119509	WHEEL, pneumatic	2	†86	110963	SCREW, cap, flange head	12
†5	114703	ENGINE, gas, 13 HP, Honda	1	100	15G783	HOSE, coupled	1
	16U399	ENGINE, gas, 13 HP, Honda, electric start	1	101	15G781	HOSE, coupled	1
	26D847V	ENGINE, gas, 14 HP, (Vanguard, California compliant)	1	120	120314	PLUG, tube	4
	24V562V	ENGINE, gas, 14 HP, electric start (Vanguard, California compliant)	1	140	288098	KIT, cover, pump, includes 79	1
†5a		VOLTAGE REGULATOR (see Honda manual)	1	140a		COVER, pump, knob	1
10	112958	NUT	4	140b		SCREW, hi/lo, phlps, pwhd	1
20	15G547	SPACER, axle	2	140c		COVER, hydr pump	1
21	116780	SCREW, hex hd, flanged	4	140d		SCREW, self tapping	4
	112785	SCREW, hex hd, flanged (Van- guard)	4	168	15G876	LABEL, back, GH833	1
22	154628	WASHER	2	†171	16U578	LABEL, side, top, GH833	1
23	120211	RING, retaining, e-ring	2	173	15G907	LABEL, Honda GX390 13 hp	1
†45	113951	CABLE, electric, neg	1	▲178	15D523	LABEL, warning, EN/FR/ES	1
†46	107073	CABLE, electric, positive	1	▲179	194126	LABEL, warning	1
†49	110755	WASHER	2	▲180	189285	LABEL, caution	1
67	288099	KIT, cover, pulley fan, includes 78, 79, 80	1	▲183	198492	LABEL, warning	1
78	120339	WASHER, fender	4	†222	120444	SCREW	2
80	120415	GROMMET	4	†223	101345	NUT	2
†82	102040	WASHER, lock	2				

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

† Used on models 16U287, 16U288, 16V258, 16V260 only.

# Parts - Engine, Hydraulic Pump & Reservoir



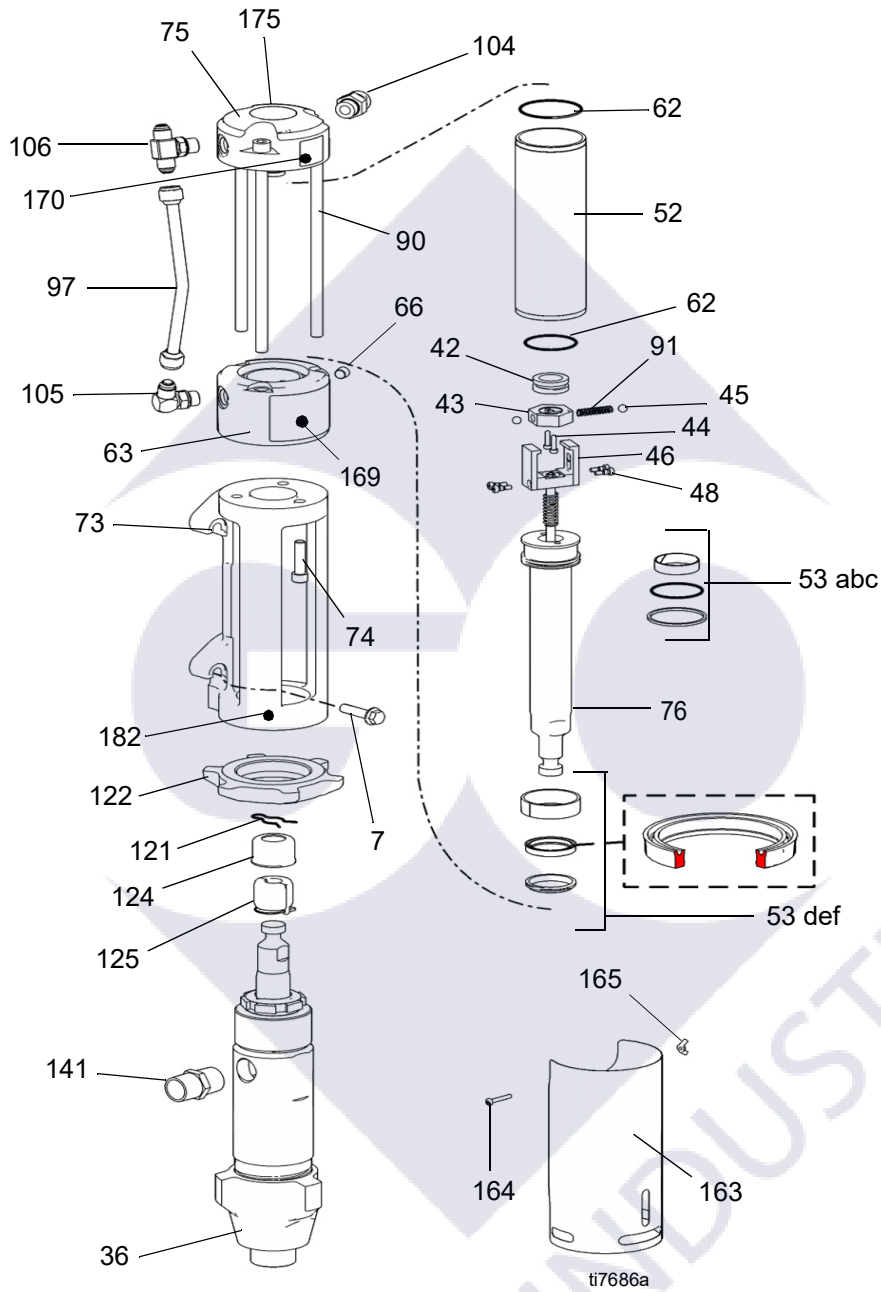
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## Parts List - Engine, Hydraulic Pump & Reservoir

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
3	288105	KIT, pump, hydraulic, includes 9, 10, 13, 134, 135, 136	1	108	287871	KIT, hydraulic oil filter, includes 113	1
4	15G812	PULLEY, pump	1	111	15H246	HOUSING, filter	1
6	15G811	PULLEY, drive, engine	1	112	120304	FITTING, nipple	1
9	111193	SCREW, cap, flang hd	2	113	120315	O-RING	1
10	112958	NUT, hex, flanged	2	134	117560	SCREW, set, socket hd	1
13	15B438	KNOB, pressure	1	135	15A464	LABEL, control	1
14	119971	FAN	1	136	15G767	COLLAR, locking, pressure knob	1
19	120172	BELT, poly-V	11	139	801137	KEY, engine pulley	1
24	116596	SCREW, cap, hex, hd	1	152	120175	FITTING, ball valve	1
	116645	SCREW, cap, hex hd (Vanguard)	1	155	15H247	CAP, filter housing	1
27	17L161	CAP, breather/fill	1	174	15G908	LABEL, hdry lever ON/OFF	1
30	120066	FITTING, elbow, hydraulic	1	▲180	189285	LABEL, caution	1
31	120064	FITTING, elbow, hydraulic	1	181	198585	LABEL, hydraulic fluid	1
34	116793	FITTING, elbow, hydraulic	1	205	183401	KEY, pump pulley	1
35	120067	FITTING, elbow, hydraulic	1	208	287100	KIT, seal, compensator (includes 208a, 208b, 208c, 208d)	1
64	15G545	RESERVOIR, painted	1	208a		O-RING, oval	1
65	100731	WASHER	1	208b		GASKET, comp/block	1
	100132	WASHER (Vanguard)	1	208c		O-RING	1
86	110963	SCREW, cap, flng hd	4	208d		GASKET, block/cover	1
87	100002	SCREW, set, sch	3				
98	15G784	HOSE, coupled	1				
99	15G782	HOSE, coupled	1				
103	120063	FITTING,	1				
107	25R072	VALVE, ball	1				

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

## Parts - Pump Stackup & Hydraulic Motor

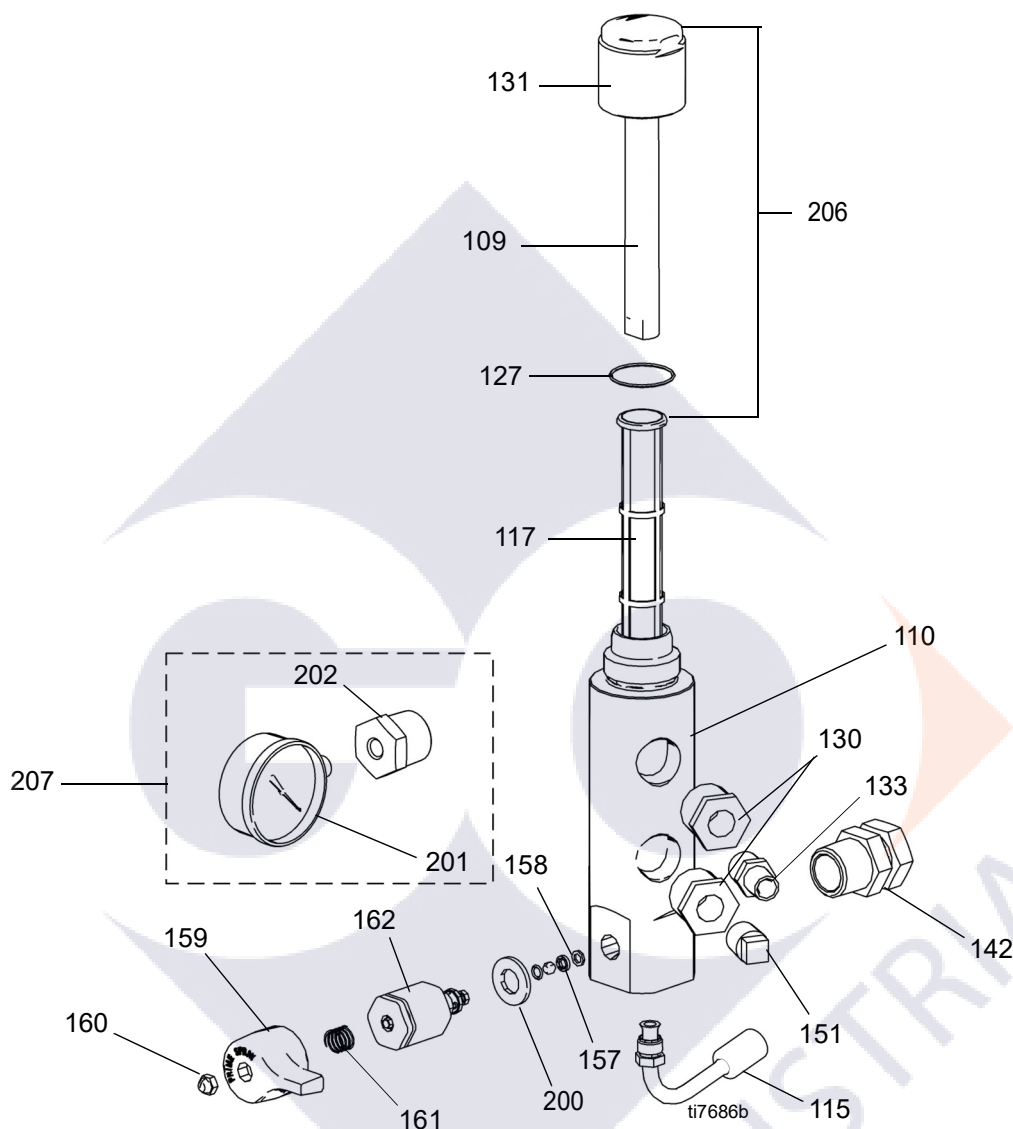




## Parts List - Pump Stackup & Hydraulic Motor

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
7*	120226	SCREW, hex hd, flange	4	90*	120138	SCREW, cap, socket head	3
36	287834	KIT, pump, displacement, includes 141	1	91†	120146	SPRING, compression	1
		Manual 311485		97	287841	TUBE	1
42	15G501	SLEEVE, valve, hydr, motor	1	104*	120065	FITTING, hydraulic	1
43	15G503	STOP, valve, hydraulic motor	1	105*	117607	FITTING, elbow std thd	1
44	131458	SCREW, cap, sch	2	106*	117609	FITTING, tee, branch, str thd	1
45	101947	BALL, bearing	2	121*	116407	CLIP, hairpin	1
46†	15G270	YOKE, arm, hydraulic motor	2	122	15G204	NUT, retaining	1
48†	105270	SCREW, shoulder, sch	4	124	197340	COVER, coupler	1
52*	287869	CYLINDER, hydraulic motor	1	125*	244819	COUPLING, assembly	1
53	287870	KIT, repair, packing, hydraulic, includes 62	1	141	15H335	FITTING, nipple, 1 in. npt,	1
53a†		BEARING, piston		169▲	15G877	LABEL, front	1
53b†		O-RING, piston		170▲*	15G878	LABEL, Graco logo	1
53c†		SEAL, piston, hydraulic motor		175▲*	15B063	LABEL, included with 75	1
53d*		SEAL, rod		163‡	15H201	SHIELD, pump	1
53e*		BEARING, rod		164‡	111235	SCREW, mach, pnh	1
53f*		WIPER, rod		165‡	120317	NUT, wing	1
62*	116084	PACKING, o-ring	2	182▲	192840	LABEL, warning	1
63*	15G559	HOUSING, hydraulic motor, lower	1	▲ Replacement Danger and Warning labels, tags, and cards are available at no cost.			
66*	101970	PLUG, pipe	1	‡ Use on models 253471, 253472, 16V258, and 16V260 only.			
73*	15G639	ADAPTER, hydraulic motor/pump	1	* Included in Hydraulic Motor Kit 24Y566			
74*	120202	SCREW, cap sch	3	† Included in Piston Rod Hydraulic Kit 287868			
75†	288061	CAP, hydraulic head, includes 175	1				
76*	287868	PISTON, rod, hydraulic	1				

## Parts - Filter

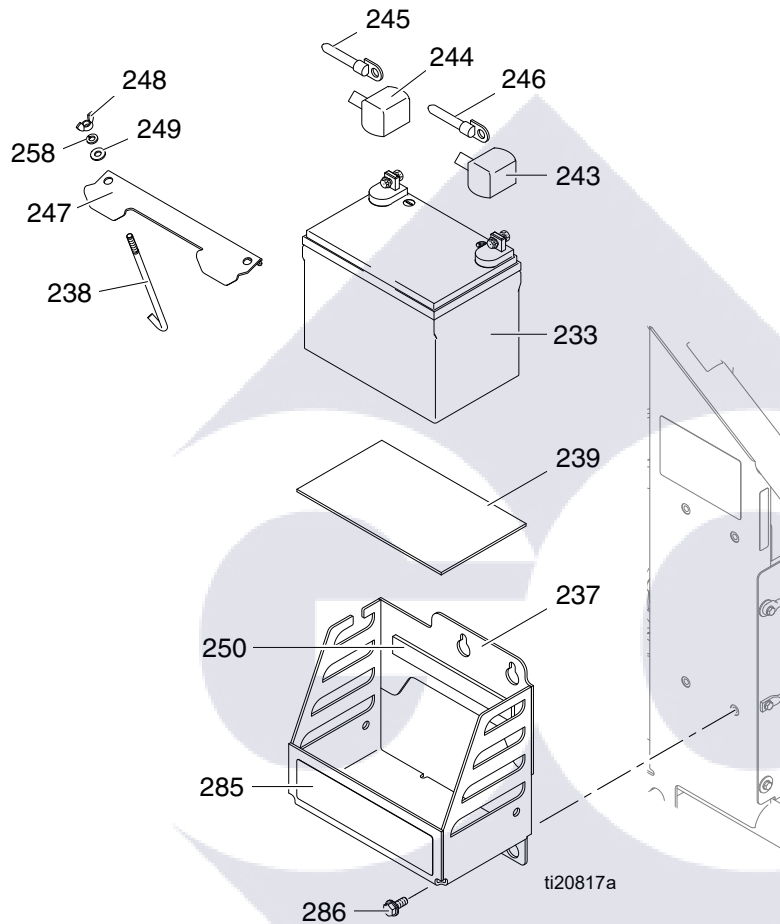


## Parts List - Filter

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
109	15C766	TUBE, diffusion	1	160	116424	NUT, cap	1
110	15G649	BASE, filter	1	161	114708	SPRING, compression	1
115	245440	KIT, hose, drain	1	162	245103	KIT, valve, drain, includes 157, 158, 159, 160, 161, 162, 200	1
117	244067	FILTER, fluid	1	200	114797	GASKET	1
127	117285	PACKING, o-ring	1	201	102814	GAUGE	1
130	124488	BUSHING, pipe	2	202	119969	FITTING, reducer	1
131	15C765	CAP, filter	1	206	287285	KIT, cap filter, includes 109, 127, 131	1
133	16F255	FITTING, nipple, rdcg	1	±207	288097	KIT, gauge kit, includes 201, 202	1
142	287968	FITTING, union, adapter	1	‡ Use on models 253471 and 253472 only.			
151	124489	PLUG, pipe	1				
157	193709	SEAT, valve	1				
158	193710	SEAL, seat, valve	1				
159	15G563	HANDLE, valve	1				

# Battery

(Models 16U287, 16U288, 16V258, and 16V260 Only)



## Parts List

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
233	115753	BATTERY, 33 AH, sealed	1	247	107069	CLAMP, battery	1
237	16U412	TRAY, battery, gh-es, painted	1	248	100011	NUT, wing	2
238	107068	HOOK, bolt	2	249	110755	WASHER, plain	2
239	801972	PAD, battery	1	250	15F366	PAD, foam	1
243	801958	PROTECTOR, terminal, red	1	258	100016	WASHER, lock	2
244	801959	TERMINAL, protector, black	1	285	16U559	LABEL, brand, es, side	1
245	113951	CABLE, electric, neg (black)	1	286	110963	SCREW, cap, flange head	12
246	107073	CABLE, electric, positive (red)	1				

# 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.

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Original instructions. This manual contains English. MM 311484*

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