

ThermoLazer[®] 200/200TC/300TC and ThermoLazer ProMelt[™] Pavement Marking Systems

3A1321T

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For professional application of thermoplastic traffic marking compound materials (reflective beads applied simultaneously with screeding). For outdoor use only (not to be operated in rain or damp conditions).



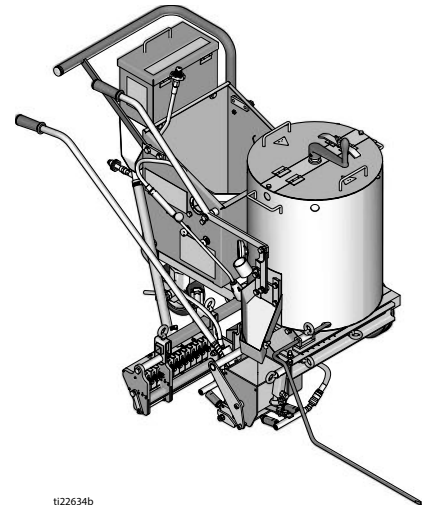
Important Safety Instructions

Read all warnings and instructions in this manual before using the equipment. Be familiar with the proper control and usage of the equipment. Save these instructions.

Related Manuals:

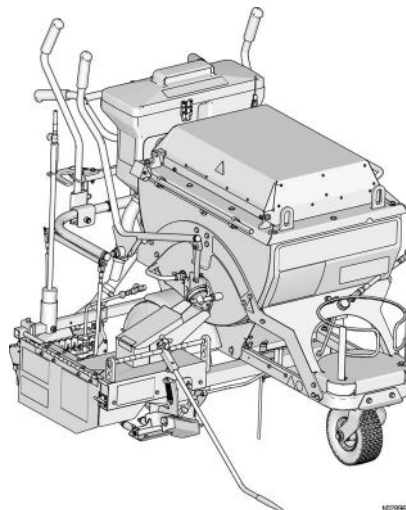
Operation	3A1319
Repair	3A1320
Double Bead Box	3A0004
SmartDie [™] II	3A1738
FlexDie [™]	3A1738
Quick Disconnect Replacement Kit	X048275

ThermoLazer 200/200TC



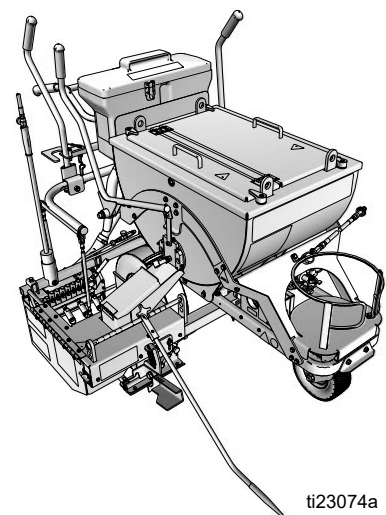
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ThermoLazer ProMelt



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ThermoLazer 300TC



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System Chart

SmartDie II used on ThermoLazer 300TC/ProMelt only.

SmartDie II Part No.	Smart Die Description
17A173	2 in. (5 cm)
24H431	3 in. (8 cm)
24H426	4 in. (10 cm)
17J250	4.75 in. (12 cm)
24H432	5 in. (13 cm)
24H427	6 in. (15 cm)
24H433	7 in. (18 cm)
24H428	8 in. (20 cm)
24H434	9 in. (22.5 cm)
24H429	10 in. (25 cm)
24H430	12 in. (30 cm)
‡17A174	16 in. (40 cm)
26D111	18 in. (45 cm)
24H437	3-3-3 in. (8-8-8 cm)
24H435	4-3-4 in. (10-8-10 cm)
24H436	4-4-4 in. (10-10-10 cm)
24J785	4-6-4 in. (10-15-10 cm)
‡17A175	6-4-6 in. (15-10-15 cm)
‡17R378	5-5-5 in. (13-13-13 cm)
‡26C273	6-3-6 in. (15-8-15 cm)

FlexDie used on ThermoLazer 200/200TC only.

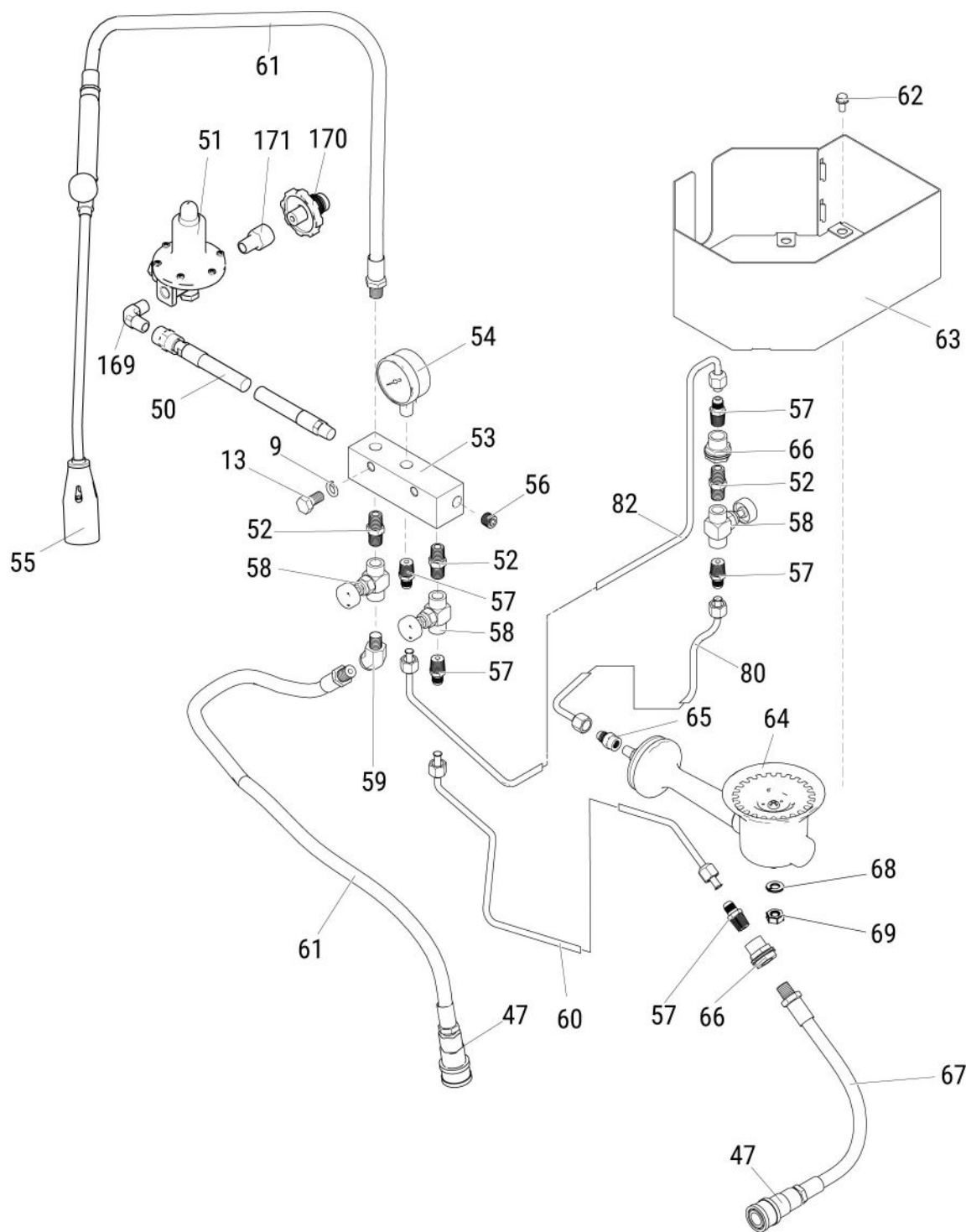
FlexDie Part No.	FlexDie Description
16Y320	4 in. (10 cm)
16Y663	5 in. (12 cm)
16Y190	6 in. (15 cm)
16Y664	7 in. (18 cm)
16Y326	8 in. (20 cm)
16Y665	9 in. (22.5 cm)
16Y332	10 in. (25 cm)
16Y207	12 in. (30 cm)
26D189	18 in. (45 cm)
16Y352	4-3-4 in. (10-8-10 cm)
16Y666	4-2-4 in. (10-5-10 cm)
16Y363	4-4-4 in. (10-10-10 cm)
26D109	6-3-6 in. (15-8-15 cm)

‡ Requires 16" (40 cm) Conversion Bead System Kit for 300TC/ProMelt Only (17B190 Kit, accy, 16" (40 cm) Single Drop Bead System).

Notes

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Parts - ThermoLazer 200



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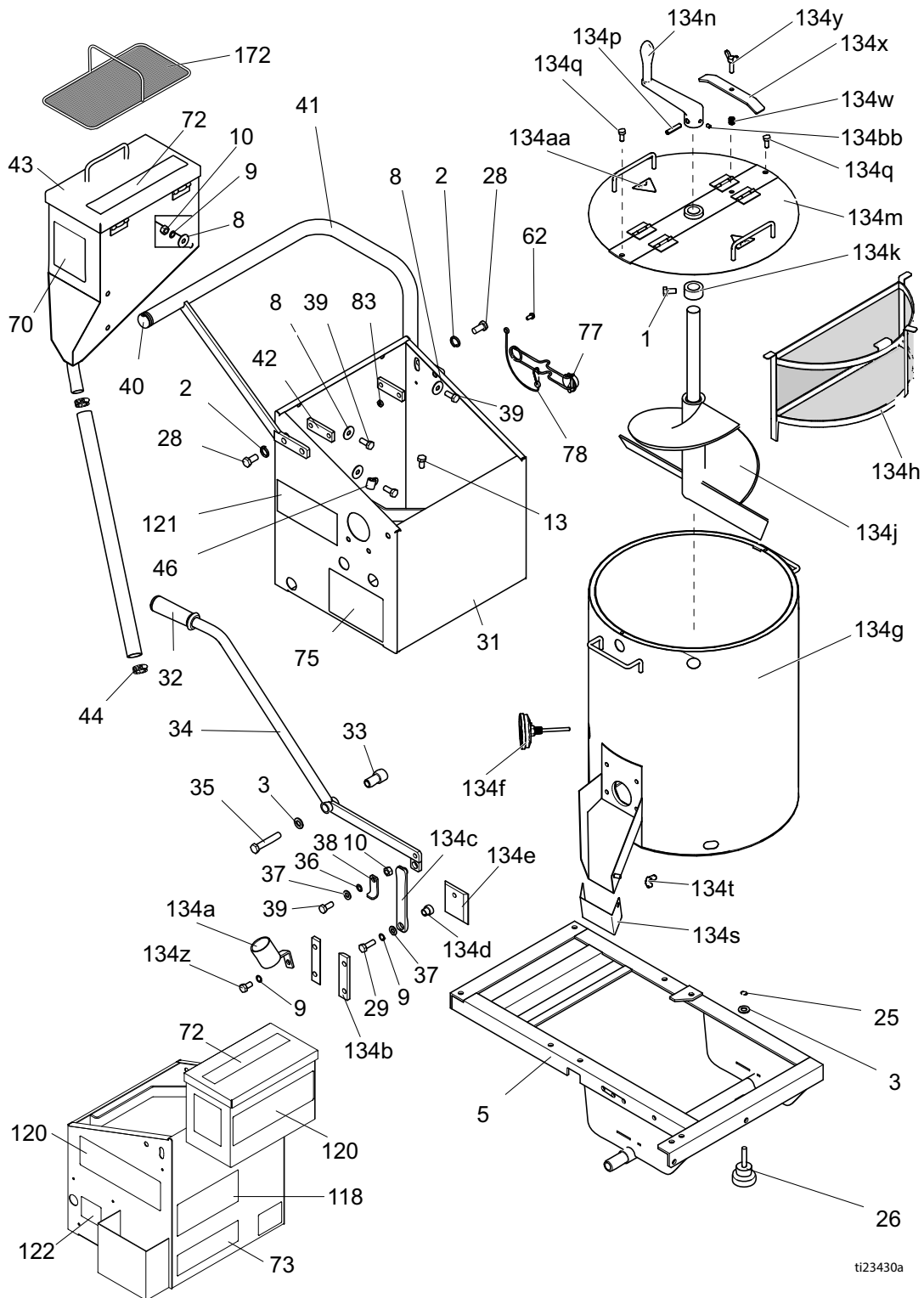
Parts List - ThermoLazer 200

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
9	125632	WASHER, lock, spring, M10	19	63	16Y307	SHIELD, heat burner	1
13	105326	SCREW, cap, hex hd	14	64	16Y284	RING, burner, 4.25" D (includes 65)	1
47	2013904	COUPLING, quick disconnect, female	2	65	16Y514	FITTING, flared, 1/8 pipe, adapter	
50*▲	123086	HOSE, rubber	1	66	104641	FITTING, bulkhead	2
51	17D903	KIT, repair, regulator (EU and US)	1	67	16Y249	HOSE, gas, die back	1
	17J090	KIT, repair, regulator (Asia Pacific)	1	68	100016	WASHER, lock	1
52	867310	FITTING, nipple hx 14 x 1/4 npt	3	69	100015	NUT, hex mscr	1
53	16Y180	MANIFOLD, gas	1	80	17R365	TUBE, formed, burner inlet	1
54	16Y229	GAUGE, pressure 0~0.1 MPA	1	82	17R366	TUBE, formed, burner w/o control	1
55	16Y232	GUN, torch	1	169*	110249	ADAPTER, male, elbow, fitting	1
56	557391	PLUG, dryseal, 1/4 nptf	1	▲			
57	16Y510	FITTING, flared, 1/4 pipe, adapter	5	170▲	16Y506	CONNECTOR, gas tank	1
58	16Y228	VALVE, needle, 1/4 f x 1/4 f	3	171	17B244	FITTING, adapter	1
59	121283	FITTING, elbow, 45 deg street	1	172	2014491	KIT, quick disconnect (not shown)	1
60	17R364	TUBE, formed, die front	1				
61	16Y250	HOSE, gas, die front	2				
62	107257	SCREW, thd forming	6				

* Included in Kit 17D903

▲ Included in Kit 17J090

Parts - ThermoLazer 200/200TC



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Parts List - ThermoLazer 200/200TC

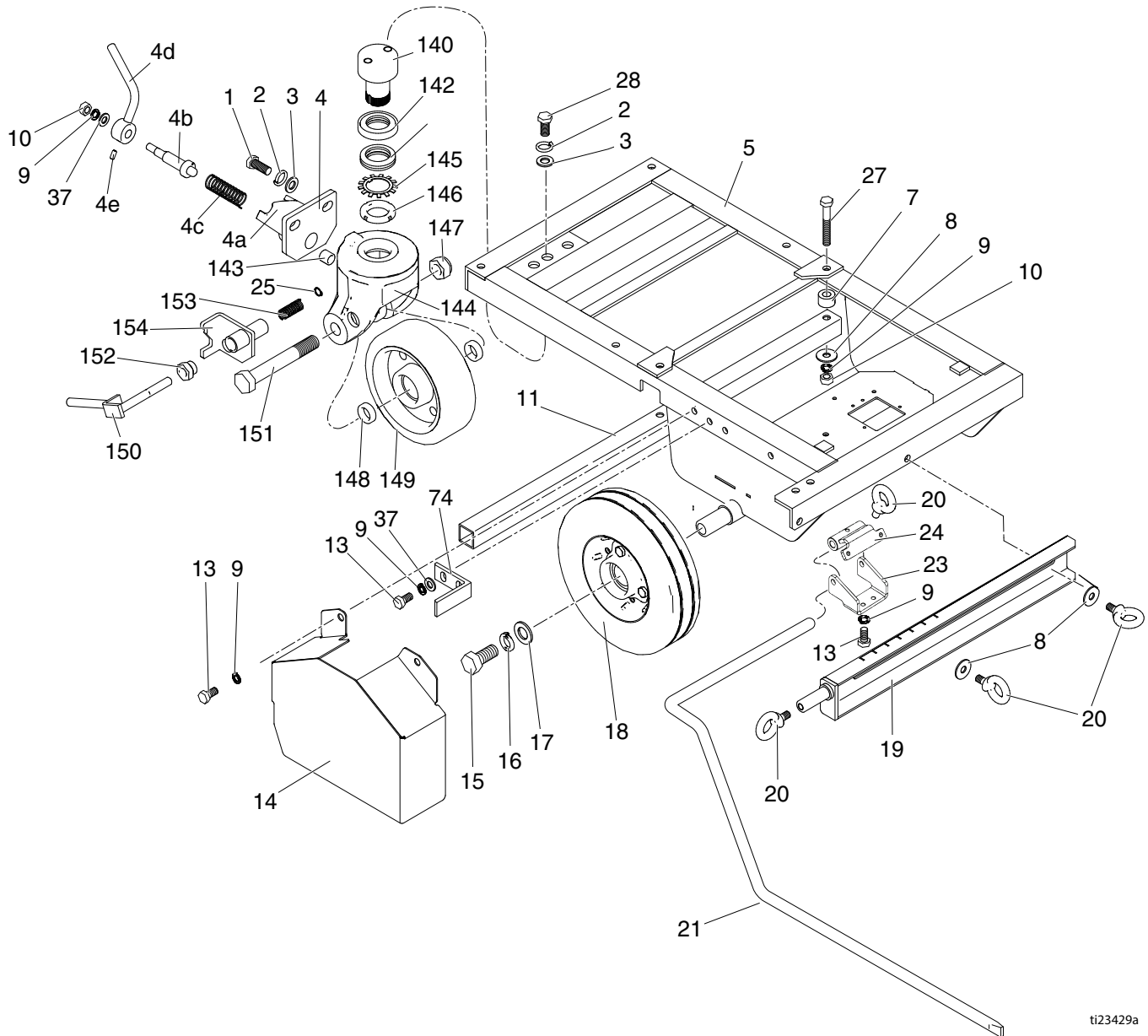
Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	105324	SCREW, cap, hex hd	2	120	16X976	LABEL, brand, ThermoLazer 200	2
2	124704	WASHER, spring, metallic	8		16X975	LABEL, brand, ThermoLazer 200	2
3	16Y269	WASHER, flat, M12	6		16Y481	LABEL, brand, ThermoLazer 200, side	1
5	16Y001	FRAME	1		16Y480	LABEL, brand, ThermoLazer 200TC, side	1
7	16Y106	SPACER	2	121	16X637	LABEL, instruction, thermo. burner (200 model only)	1
8	16Y266	WASHER, flat, M10	10		16Y834	RESERVOIR, reservoir assy, kits (200 model)	1
9†◆	125632	WASHER, lock, spring, M10	19		16Y835	RESERVOIR, reservoir assy TC, kits (200TC models)	1
10	105327	NUT, hex	7	122	16Y063	HOLDER, torch holder	1
13†◆	105326	SCREW, cap, hex head	14		16Y060	BAR, gate	2
25	16Y271	RING, retaining, external, M12	2	134	16Y061	LEVER, gate	1
26	16Y152	SCREW, kettle lock	1		16Y062	BUSHING, sleeve	1
28	16Y261	SCREW, cap, hex hd, M12 x 1.75 x 25	6		16Y059	BAR, gate	1
29†◆	109487	SCREW, cap, head hd	3	134a	16Y246	GAUGE, thermometer	1
31	16Y066	ENCLOSURE, propane cylinder	1	134b		RESERVOIR, base (16Y834)	1
32	123938	GRIP, handle	1	134c		RESERVOIR, base, TC (16Y835)	1
33	16Y119	TUBE, pivot, handle	1	134d	16Y024	STRAINER, reservoir	1
34	16Y114	HANDLE, gate valve	1	134e	16Y023	MIXER, mixer assy (16Y834)	1
35	113708	SCREW, cap, hex hd	1	134f	17E059	MIXER, agitator (16Y835)	1
36	16Y258	WASHER, wave, M10	1	134g	16Y054	SPACE, holder	1
37†◆	16Y267	WASHER, plat, M10	5		16Y022	RESERVOIR, cover assy	1
38	16Y127	PLATE, cover	1	134h	16Y053	HANDLE, reservoir	1
39	16Y268	BOLT, cap hex	1	134j	16Y055	PIN, spring	1
40	16Y126	CAPE, handle end	1		17E050	SCREW, cap, hex hd	2
41	16Y147	HANDLE	1	134k	16Y125	PLATE, splash plate	1
42	16Y151	HOLDER, handle	2	134m	16Y275	NUT, wing, M8	1
43	16Y090	BOX, bead	1	134n	117155	SPRING, compression	1
44	16Y230	HOSE, clamp	1	134p	16Y240	LOCK, lid	1
45	17B554	HOSE, hose 1.00 ID x 1.26 O.D.	1	134q	16Y243	BOLT, wing	1
46	16Y310	CLAMP, rubber hose, clamp	1	134r	16Y268	BOLT, cap, hex	1
62◆	107257	SCREW, thd forming	6	134s	16D646	LABEL, 2 in., iso, hot surface1	2
70	16E335	LABEL, brand, Graco	2	134t	124229	SCREW, set, socket head	1
72▲	16A276	LABEL, ISO, symbols warning	1	134w	17E092	STRAINER, beads box	1
73▲	15Y966	LABEL, warning, fire and explosion	1	134x			
75	16X636	Label, instruct, thermo. burner	1	134y			
77	123186	TOOL, spark lighter	1	134z			
78	121458	TIE, lanyard	1	134aa▲			
83	140045	NUT, hex, jam	2	134bb			
118▲	15Y964	LABEL, warning, kettle (200TC only)	1	172			

† Parts included in Kit 16Y834

◆ Parts included in Kit 16Y835

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

Parts - ThermoLazer 200/200TC

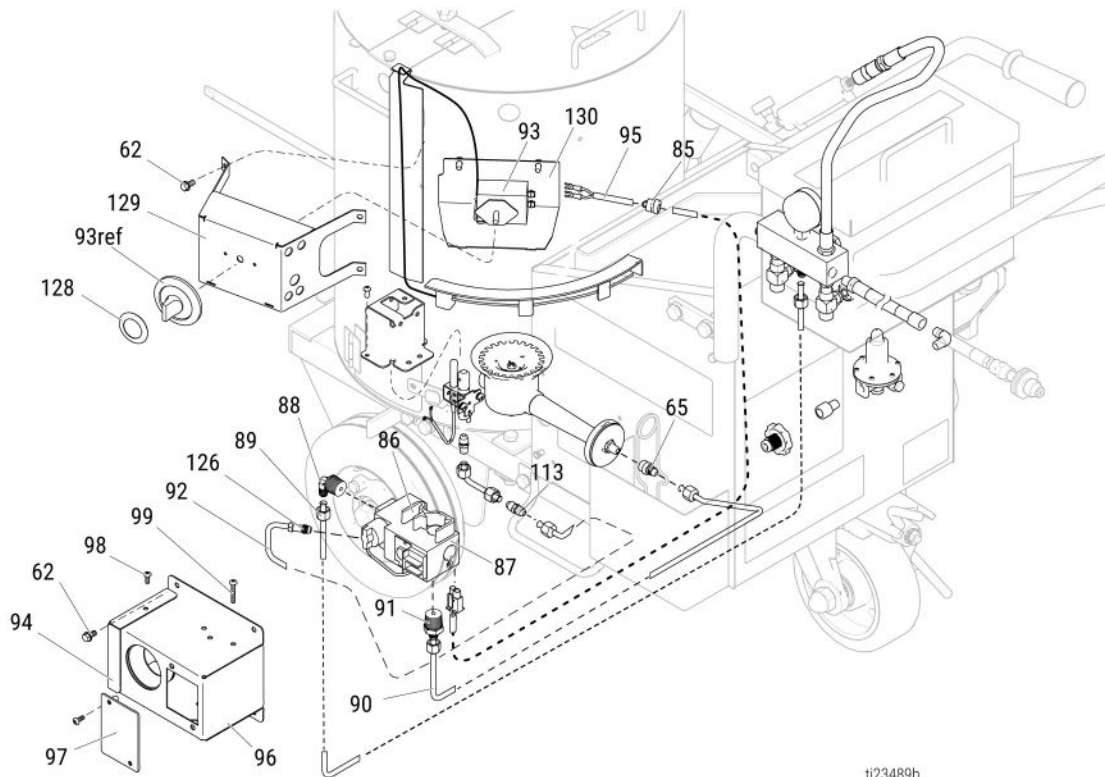
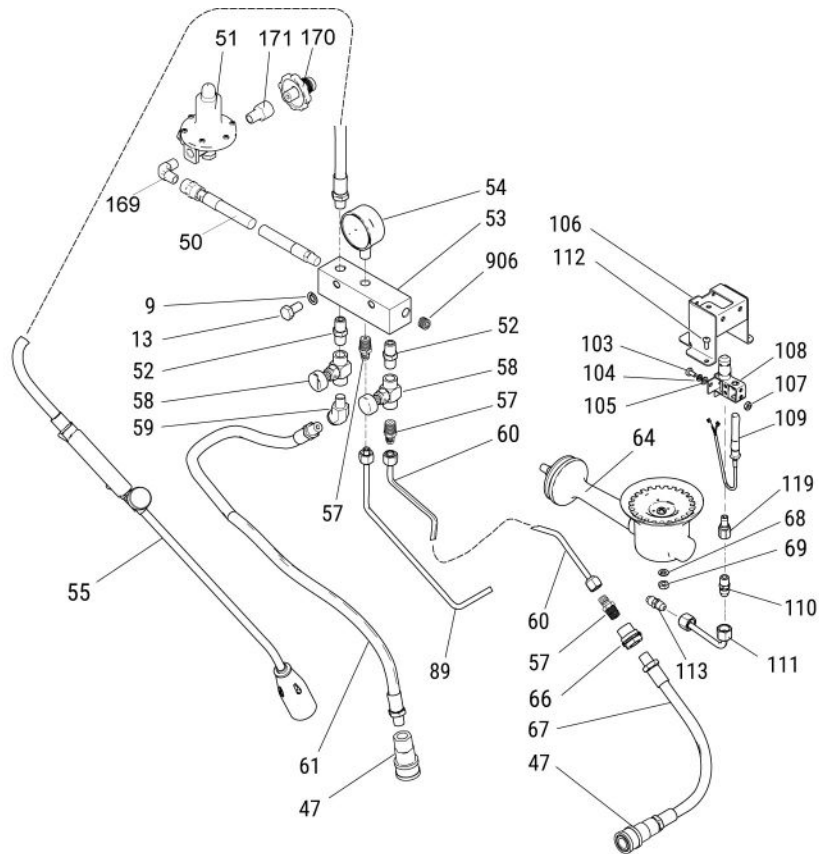


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Parts List- ThermoLazer 200/200TC

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	105324	SCREW, cap, hex hd	2	24	17B470	BRACKET, pointer	1
2	124704	WASHER, spring, metallic	8	25	16Y271	RING, retaining, external, M12	2
3	16Y269	WASHER, flat, M12	6	27	16Y260	SCREW, cap, hex hd, M10 x 1.5 x 70	2
4	16Y140	HOLDER, rear wheel assy (includes 4a-4e, 9, 10, 37)	1	28	16Y261	SCREW, cap, hex hd, M12 x 1.75 x 25	6
4a	16Y141	FRAME, rear wheel holder, mach	1	37	16Y267	WASHER, plat, M10	5
4b	16Y145	SHAFT, locker	1	39	16Y268	BOLT, M10X25	2
4c	16Y210	SPRING, compression	1	74	16Y548	BLADE, wheel	2
4d	16Y146	LOCK, swing	1	140	16Y132	ROTATOR, wheel	1
4e	100664	SCREW, set, sch	1	141	16Y134	BEARING, thrust ball bearing	2
5	16Y001	FRAME	1	142	16Y133	RING, thrust bearing	1
7	16Y106	SPACER	2	143	16Y137	BUSHING	1
8	16Y266	WASHER, flat, M10	10	144	16Y128	FRAME, rear wheel, machining	1
9	125632	WASHER, lock, spring, M10	19	145	16Y135	RING, lock	1
10	105327	NUT, hex	8	146	16Y136	NUT, lock, rolling bearing	1
11	16Y084	BRACKET, dispenser holder	1	147	626426	NUT, hex, nylok	1
13	105326	SCREW, cap, hex hd	14	148	16Y139	SPACER	2
14	16Y086	COVER, wheel	1	149	16Y138	WHEEL, rear	1
15	16Y280	SCREW, cap, hex hd, M18 x 2.5 x 35	2	150	16Y214	LOCK, rod locker	1
16	16Y279	WASHER, lock, M18	2	151	16Y276	SCREW, cap, hex hd, M20 x 2.5 x 140	1
17	16Y278	WASHER, flat, M18	2	152	16Y218	NUT, retainer	1
18	16Y085	WHEEL, front	2	153	16Y211	LOCK, wheel locker	1
19	16Y073	BRACKET, frame branch, die, STD	1	154	16Y219	SPRING, compression	1
	26D127	BRACKET, 18 in. (45 cm) die	1	155	16Y128	WHEEL, rear, assy, (includes 25, 140, 142, 144-154)	
20	16Y274	SCREW, ring screw, M10	3				
21	17B469	ROD, indicator	1				
23	17B468	BRACKET, mount, pointer	1				

Parts - ThermoLazer 200TC



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Parts List - ThermoLazer 200TC

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
9	125632	WASHER, lock, spring, M10	19	92	17B234	KIT, pilot, tube (includes 126)	1
13	105326	SCREW, cap, hex hd	14	93	17B232	KIT, repair, temp, control (includes 128)	1
47	16Y226	COUPLING, quick release, female	2	94	16Y304	COVER, gas valve	1
50*▲	123086	HOSE, propane w/ polswivel adapter	1	95	119868	BUSHING, strain relief	1
51	17D903	KIT, repair, regulator (EU and US)	1	96	16Y300	BOX, gas valve, complete	1
	17J090	KIT, repair, regulator (Asia Pacific)	1	97	16C333	DOOR	1
52	867310	FITTING, nipple hx 14 x 1/4 npt	3	98	116610	SCREW, mach, phil, pan, #10	3
53	16Y180	MANIFOLD, gas	1	99	111235	SCREW, mach, pnh	3
54	16Y229	GAUGE, pressure 0~0.1 MPA	1	103	110637	SCREW, mach, pan head	2
55	16Y232	GUN, torch	1	104	100020	WASHER, lock	2
56	557391	PLUG, dryseal, 1/4 nptf	1	105	116876	WASHER, flat	2
57	16Y510	FITTING, flared, 1/4 pipe, adapter	3	106	16W410	BRACKET, mount, electrode	1
58	16Y228	VALVE, needle, 1/4 f x 1/4 f	2	107	100179	NUT, hex mscr	1
59	121283	FITTING, elbow, 45 deg street	1	108	24J574	KIT, repair, pilot, ProMelt	1
60	16Y285	TUBE, formed, die front	1	109	122944	FITTING, thermopile	1
61	16Y250	HOSE, gas, die front	2	110	123162	FITTING, flared, 1/8 pipe, adapter	1
62	107257	SCREW, thd forming	6	111	16J687	TUBE, formed, gas, pilot	1
63	16Y307	SHIELD, heat burner	1	112	114984	SCREW, tapping, phillips pan hd	4
64	16Y284	RING, burner, 4.25" D	1	113	123160	FITTING, flared, 1/4 tube, coupling	1
65	16Y514	FITTING, flared, 1/8 pipe, adapter	1	119	125324	FITTING, inlet, pilot, ProMelt	1
66	104641	FITTING, bulkhead	2	126	24C113	KIT, repair, fitting, ferrule	1
67	16Y249	HOSE, gas, die back	1	128	16A873	LABEL, temperature control	1
68	100016	WASHER, lock	1	129	16Y308	BRACKET, mount, temp control	1
69	100015	NUT, hex mscr	1	130	16Y309	COVER, mount, temp control	1
85	16Y508	HARNESS, wire	1	131	16Y835	KIT, reservoir assy (includes 62, 85, 93, 95, 128-130)	1
85a	17B245	HARNESS, wire, valve	1	169*	110249	ADAPTER, male, elbow, 90°	1
86	16A708	BLOCK, spacer, gas valve	1	▲			
87	17B233	KIT, valve, gas, ProMelt (includes 88, 91, 92)	1	170▲	16Y506	CONNECTOR, gas tank	1
88	16Y513	FITTING, flare, 1/2 pipe, 90 elbow	1	171	17B244	FITTING, adapter	1
89	16Y288	TUBE, formed, burner control in	1				
90	16Y289	TUBE, formed, burner, w/ control	1				
91	16Y511	FITTING, flared, 1/2 pipe, adapter	1				

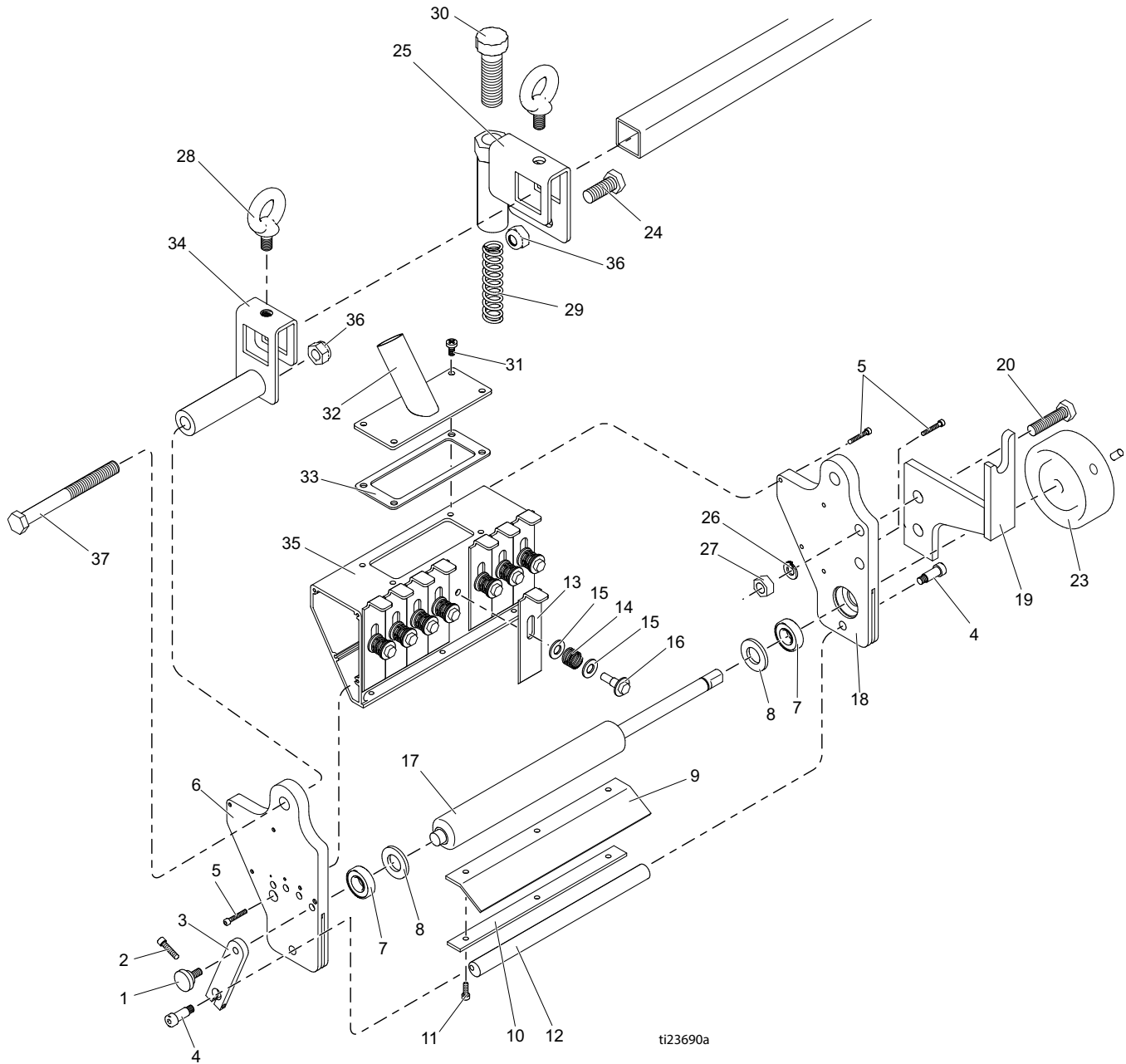
* Included in Kit 17D903

▲ Included in Kit 17J090

Parts - Bead Dispenser

17B832 BOX, bead, 8" with 1" gates

16Y891 BOX, bead, 12" with 1" gates

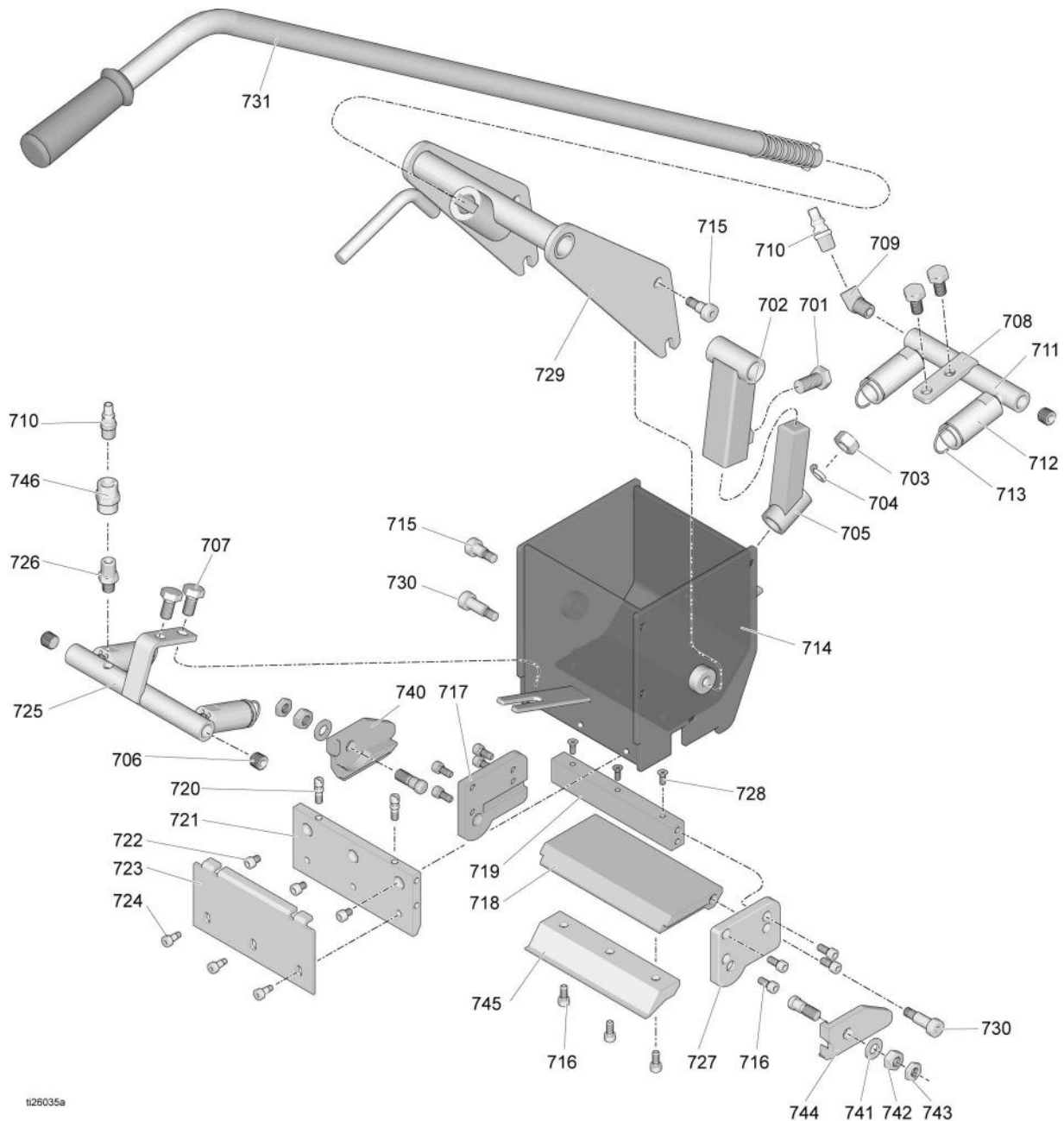


Parts - Bead Dispenser

Ref	Part	Description	Qty	Ref	Part	Description	Qty
1	123261	SCREW, thumb	1		17B362	SHAFT, knurled, 30 cm (16Y159)	1
2	295709	SCREW, cap, socket head	1	18	16Y162	BRACKET, right, bead dispenser	1
3	15X282	HANDLE, adjuster	1	19	17D553	BRACKET, die, support	1
4	123481	SCREW, shoulder, screw, 1/4-20	2	20	122942	BOLT, M10 x 40 lg	2
5	110631	SCREW, socket, hd	8	22	100664	SCREW, set, sch	1
6	16Y163	BRACKET, left, bead dispenser	1	23	15X765	WHEEL, drive, bead	1
7	123304	BEARING, double sealed	2	24	105324	SCREW, cap, hex hd (16Y158)	2
8	114797	GASKET	2			SCREW, cap, hex hd (16Y159)	1
9	16Y164	GATE, seal, 200 (16Y158)	1	25	16Y110	CLAMPE, bead box	1
	15X274	GATE, poly (16Y159)	1	26	125632	WASHER, lock, spring, M10	2
10	16Y165	GATE, clamp bar 200 (16Y158)	1	27	105327	NUT, hex	2
	15X275	GATE, bar (16Y159)	1	28	16Y274	SCREW, ring screw, M10	2
11	112310	SCREW, cap, sch (16Y158)	3	29	16Y113	SPRING, compress spring	1
		SCREW, cap, sch (16Y159)	4	30	16Y263	BOLT, machine bolt	1
12	16Y166	SHAFT, adjuster, 200 (16Y158)	1	31	106084	SCREW, mach, pnh	4
	15X281	ADJUSTER (16Y159)	1	32	16Y169	MANIFOLD, cover	1
13	16U612	PLATE, slide, 1" (16Y158)	8	33	16Y168	GASKET, cover	1
		PLATE, slide, 1" (16Y159)	12	34	16Y108	BRACKET, pivot, bead box (16Y158)	1
14	114708	SPRING, compression (16Y158)	8				
		SPRING, compression (16Y159)	12		16Y107	CLAMP, bead box (16Y159)	1
15	104034	WASHER, plain (16Y158)	16	35	16Y160	HOSING, dispenser 200 (16Y158)	1
		WASHER, plain (16Y159)	24		16Y172	HOUSING, dispenser 300 (16Y159)	1
16	119872	SCREW, shoulder (16Y158)	8				
		SCREW, shoulder (16Y159)	12	36	16Y270	NUT, nylon loc, M12, thin	2
17	17B363	SHAFT, knurled 200, 20 cm (16Y158)	1	37	16Y262	SCREW, cap, hex hd, M12 x 1.75 x 120 (16Y159 only)	1

Parts - FlexDie Box

16Y320	4 in. (10 cm)
16Y663	5 in. (12 cm)
16Y190	6 in. (15 cm)
16Y664	7 in. (18 cm)
16Y326	8 in. (20 cm)
16Y665	9 in. (22.5 cm)
16Y332	10 in. (25 cm)
16Y207	12 in. (30 cm)
26D189	18 in. (45 cm)



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Parts List - FlexDie Box

Ref	Part	Description	Qty.	Ref	Part	Description	Qty.
701	16Y261	SCREW, cap, hex hd, M12 X 1.75 X 25	1	17D499	PLATE, pivot, left (16Y207)	1	1
702	16Y077	CONNECTOR, die pivot	1	17D499	PLATE, pivot, left (26D189)	1	1
703	107539	NUT, hex	1	718	17D535	BAR, shear, 3 in., (16Y320)	1
704	124704	WASHER, spring, metallic	1	17D536			
705	16Y081	HOLDER, die holder	1	17D537	BAR, shear, 5 in. (16Y663)	1	1
706	557391	PLUG, dryseal 1/4 NPTF	3	17D538	BAR, shear, 6 in. (16Y190)	1	1
707	105326	SCREW, cap hex hd	4	17D539	BAR, shear, 7 in. (16Y664)	1	1
708	16Y252	TUBE, burner front, 4 in. (16Y320)	1	17D540	BAR, shear, 8 in (16Y326)	1	1
	16Y681	TUBE, burner front, 5 in. (16Y663)	1	17D541	BAR, shear, 9 in. (16Y665)	1	1
	16Y237	TUBE, burner front, 6 in. (16Y190)	1	17D542	BAR, shear, 10 in. (16Y332)	1	1
	16Y715	TUBE, burner front, 7 in. (16Y664)	1	17D543	BAR, shear, 12 in (16Y207)	1	1
	16Y689	TUBE, burner front, 8 in (16Y326)	1	18F287	BAR, shear, 18 in (26D189)	1	1
	16Y755	TUBE, burner front, 9 in. (16Y665)	1	719	16G995	BAR, support, 3 in., (16Y320)	1
	16Y486	TUBE, burner front, 10 in. (16Y332)	1	16H006	BAR, support, 5 in. (16Y663)	1	1
	16Y244	TUBE, burner front, 12 in. (16Y207)	1	16G996	BAR, support, 6 in. (16Y190)	1	1
	26D123	TUBE, burner front, 18 in. (26D189)	1	16H007	BAR, support, 7 in. (16Y664)	1	1
709	113444	FITTING, elbow street, 45dx 1/4 npt	1	16G997	BAR, support, 8 in (16Y326)	1	1
710	2013903	COUPLING, quick release, male	2	16H008	BAR, support, 9 in. (16Y665)	1	1
711	17B231	KIT, repair, torch head, die (16Y320)	4	16G998	BAR, support, 10 in. (16Y332)	1	1
		KIT, repair, torch head, die (16Y663)	4	16G999	BAR, support, 12 in. (16Y207)	1	1
		KIT, repair, torch head, die (16Y190)	4	18F282	BAR, support, 18 in. (26D189)	1	1
		KIT, repair, torch head, die (16Y664)	4	720	16H044	SCREW, adjustment, screed	2
		KIT, repair, torch head, die (16Y326)	4	721	17D545	BAR, shear, stop, 4 in. (16Y320)	1
		KIT, repair, torch head, die (16Y665)	6	17D546	BAR, shear, stop, 5 in. (16Y663)	1	1
		KIT, repair, torch head, die (16Y332)	6	17D547	BAR, shear, stop, 6 in. (16Y190)	1	1
		KIT, repair, torch head, die (16Y207)	6	17D548	BAR, shear, stop, 7 in. (16Y664)	1	1
		KIT, repair, torch head, die (26D189)	6	17D549	BAR, shear, stop, 8 in (16Y326)	1	1
713	16H104	INDICATOR, burner (included in 711)	2	17D550	BAR, shear, stop, 9 in. (16Y665)	1	1
714		BOX, die, weldment, 4 in. (16Y320)	1	17D551	BAR, shear, stop, 10 in. (16Y332)	1	1
		BOX, die, weldment, 5 in. (16Y663)	1	17D552	BAR, shear, stop, 12 in. (16Y207)	1	1
		BOX, die, weldment, 6 in. (16Y190)	1	18F285	BAR, shear, stop, 18 in. (26D189)	1	1
		BOX, die, weldment, 7 in. (16Y664)	1	722	SCREW, cap, sch (M6 X 8) (16Y320)	2	2
		BOX, die, weldment, 8 in (16Y326)	1		SCREW, cap, sch (M6 X 8) (16Y663)	3	3
		BOX, die, weldment, 9 in. (16Y665)	1		SCREW, cap, sch (M6 X 8) (16Y190)	3	3
		BOX, die, weldment, 10 in. (16Y332)	1		SCREW, cap, sch (M6 X 8) (16Y664)	3	3
		BOX, die, weldment, 12 in. (16Y207)	1		SCREW, cap, sch (M6 X 8) (16Y326)	3	3
		BOX, die, weldment, 18 in. (26D189)	1		SCREW, cap, sch (M6 X 8) (16Y665)	4	4
		BOX, die, weldment, 4 in. (16Y320)	1		SCREW, cap, sch (M6 X 8) (16Y332)	4	4
715	125028	SCREW, shoulder, socket head M8	2		SCREW, cap, sch (M6 X 8) (16Y207)	4	4
716	121518	SCREW, cap, sch (16Y320)	10		SCREW, cap, sch (M6 X 8) (26D189)	4	4
		SCREW, cap, sch (16Y663)	11	723	17D527	PLATE, screed, adjustable, 4 in. (16Y320)	1
		SCREW, cap, sch (16Y190)	11	17D528	PLATE, screed, adjustable, 5 in. (16Y663)	1	1
		SCREW, cap, sch (16Y664)	11	17D529	PLATE, screed, adjustable, 6 in. (16Y190)	1	1
		SCREW, cap, sch (16Y326)	11	17D530	PLATE, screed, adjustable, 7 in. (16Y664)	1	1
		SCREW, cap, sch (16Y665)	12	17D531	PLATE, screed, adjustable, 8 in (16Y326)	1	1
		SCREW, cap, sch (16Y332)	12	17D532	PLATE, screed, adjustable, 9 in. (16Y665)	1	1
		SCREW, cap, sch (16Y207)	12	17D533	PLATE, screed, adjustable, 10 in. (16Y332)	1	1
		SCREW, cap, sch (26D189)	12	17D534	PLATE, screed, adjustable, 12 in. (16Y207)	1	1
717	17D499	PLATE, pivot, left (16Y320)	1	18F286	PLATE, screed, adjustable, 18 in. (26D189)	1	1
	17D499			724	SCREW, shoulder, socket head M5 (16Y320)	2	2
	17D499	PLATE, pivot, left (16Y663)	1		SCREW, shoulder, socket head M5 (16Y663)	3	3
	17D499	PLATE, pivot, left (16Y190)	1		SCREW, shoulder, socket head M5 (16Y190)	3	3
	17D499	PLATE, pivot, left (16Y664)	1				
	17D499	PLATE, pivot, left (16Y326)	1				
	17D499	PLATE, pivot, left (16Y665)	1				
	17D499	PLATE, pivot, left (16Y332)	1				

Parts - FlexDie Box

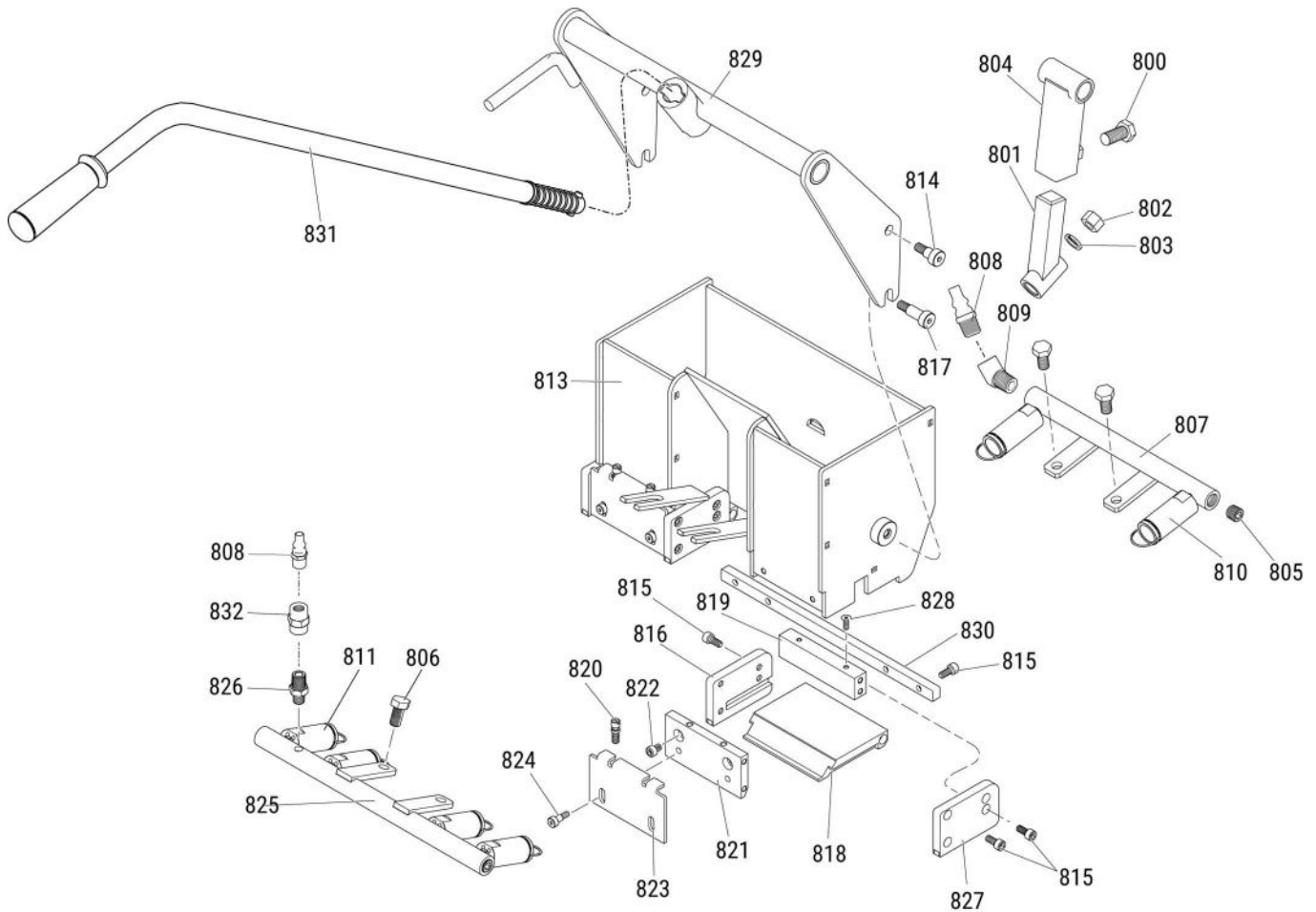
Ref	Part	Description	Qty.	Ref	Part	Description	Qty.
		SCREW, shoulder, socket head M5 (16Y664)	3	743	17D593	NUT, thin nut, M10	2
		SCREW, shoulder, socket head M5 (16Y326)	3	744	17D502	FLOAT RUNNER, right	1
		SCREW, shoulder, socket head M5 (16Y665)	4	745	17D509	BAR, shear, 4 in., (16Y320)	1
		SCREW, shoulder, socket head M5 (16Y332)	4		17D510	BAR, shear, 5 in., (16Y663)	1
		SCREW, shoulder, socket head M5 (16Y207)	4		17D511	BAR, shear, 6 in., (16Y190)	1
		SCREW, shoulder, socket head M5 (26D189)	4		17D512	BAR, shear, 7 in., (16Y664)	1
					17D513	BAR, shear, 8 in., (16Y326)	1
					17D514	BAR, shear, 9 in., (16Y665)	1
					17D515	BAR, shear, 10 in., (16Y332)	1
					17D516	BAR, shear, 12 in., (16Y207)	1
					18F291	BAR, shear, 18 in., (26D189)	1
725	17D518	TUBE, back burner, 4 in. (16Y320)	1	746	113093	CONNECTOR, pipe	1
		TUBE, back burner, 5 in. (16Y663)	1	747	2014491	KIT, quick disconnect (not shown)	1
	17D520	TUBE, back burner, 6 in. (16Y190)	1				
		TUBE, back burner, 7 in. (16Y664)	1				
	17D522	TUBE, back burner, 8 in. (16Y326)	1				
	17D523	TUBE, back burner, 9 in. (16Y665)	1				
	17D524	TUBE, back burner, 10 in. (16Y332)	1				
	17D525	TUBE, back burner, 12 in. (16Y207)	1				
	26D122	TUBE, back burner, 18 in. (26D189)	1				
726	16Y235	FITTING, nipple, 1/4 NPT to 1/8 NPT	1				
727	17D497	PLATE, pivot, right (16Y320)	1				
	17D497						
	17D497	PLATE, pivot, right (16Y663)	1				
	17D497	PLATE, pivot, right (16Y190)	1				
	17D497	PLATE, pivot, right (16Y664)	1				
	17D497	PLATE, pivot, right (16Y326)	1				
	17D497	PLATE, pivot, right (16Y665)	1				
	17D497	PLATE, pivot, right (16Y332)	1				
	17D497	PLATE, pivot, right (16Y207)	1				
	17D497	PLATE, pivot, right (26D189)	1				
728		SCREW, mach, flat head, undercut (16Y320)	2				
		SCREW, mach, flat head, undercut (16Y663)	3				
		SCREW, mach, flat head, undercut (16Y190)	3				
		SCREW, mach, flat head, undercut (16Y664)	3				
		SCREW, mach, flat head, undercut (16Y326)	3				
		SCREW, mach, flat head, undercut (16Y665)	4				
		SCREW, mach, flat head, undercut (16Y332)	4				
		SCREW, mach, flat head, undercut (16Y207)	4				
		SCREW, mach, flat head, undercut (26D189)	4				
729	16Y324	YOKE, weldment, 4 in. (16Y320)	1				
	16Y673	YOKE, weldment, 5 in. (16Y663)	1				
	16Y198	YOKE, weldment, 6 in. (16Y190)	1				
	16Y713	YOKE, weldment, 7 in. (16Y664)	1				
	16Y330	YOKE, weldment, 8 in. (16Y326)	1				
	16Y753	YOKE, weldment, 9 in. (16Y665)	1				
	16Y336	YOKE, weldment, 10 in. (16Y332)	1				
	16Y206	YOKE, weldment, 12 in. (16Y207)	1				
	26D121	YOKE, weldment, 18 in. (26D189)	1				
730	125027	SCREW, shoulder, socket head M8	2				
731	16Y205	HANDLE, die handle, assy	1				
740	17D504	FLOAT RUNNER, left	1				
741	16Y267	WASHER, flat, M10	2				
742	105327	NUT, hex	2				

Notes

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Parts - Double Line FlexDie Box

16Y352	4-3-4 in. (10-8-10 cm)
16Y666	4-2-4 in. (10-5-10 cm)
16Y363	4-4-4 in. (10-10-10 cm)
26D109	6-3-6 in. (15-8-15 cm)

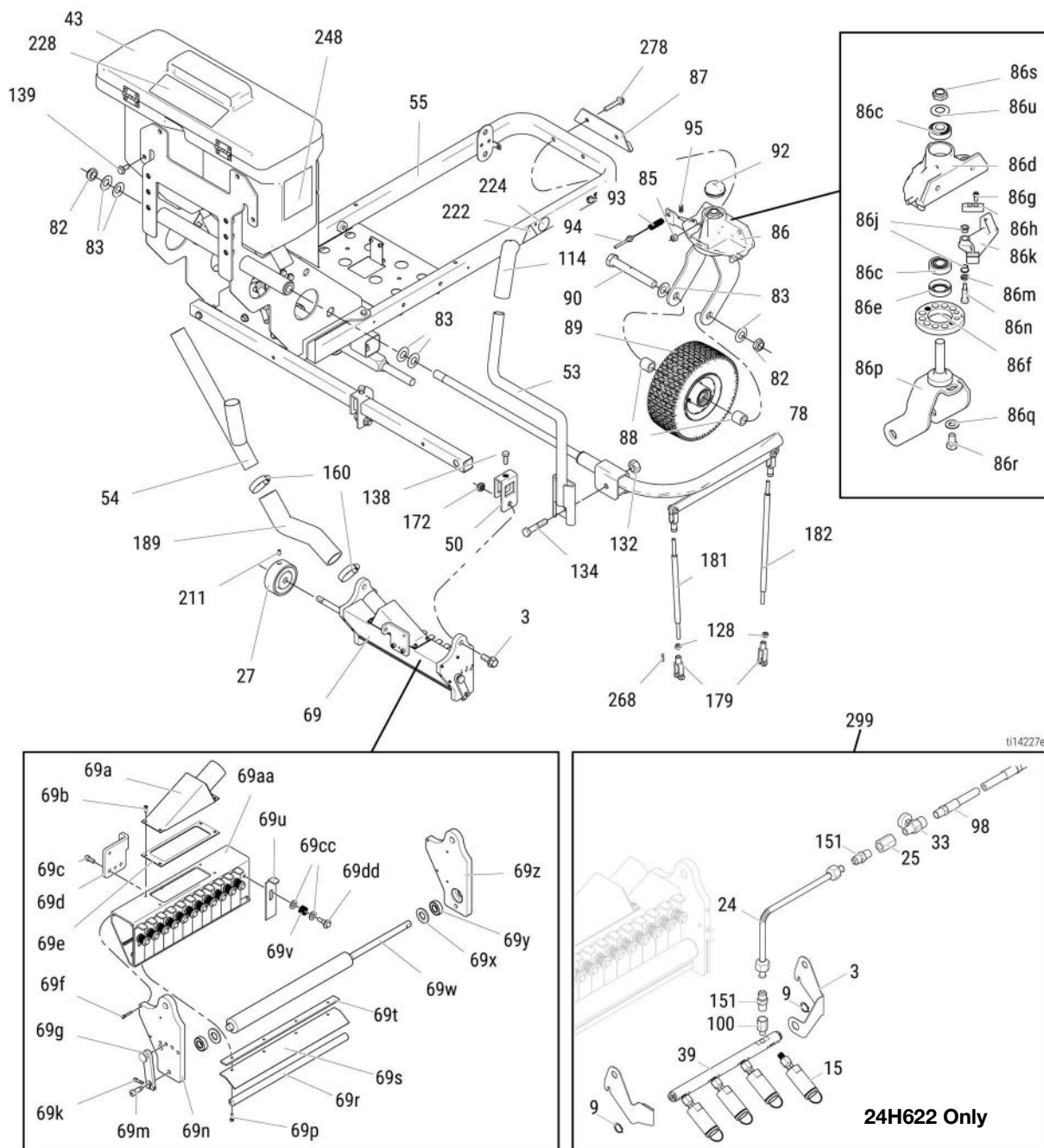


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Parts List - Double Line FlexDie Box

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
800	16Y261	SCREW, cap, hex hd, M12 x 1.75 x 25	1		16G995	BAR, support (16Y666)	2
					16H159	BAR, support (16Y363)	2
801	16Y081	HOLDER, die holder	1		16G996	BAR, support (26D109)	2
802	107539	NUT, hex	1	820	16H044	SCREW, adjustment, screed	4
803	124704	WASHER, spring, metallic	1	821	16H024	BAR, shear, stop (16Y352, 16Y666, 16Y363)	2
804	16Y077	CONNECT, die pivot	1		16H025	BAR, shear, stop (26D109)	2
805	557391	PLUG, dryseal, 1/4 NPTF	3	822	110501	SCREW, cap, sch (M6 x 8)	4
806	105326	SCREW, cap hex hd	4	823	16H034	PLATE, sreed, adjustable, 4 in. (16Y352, 16Y666, 16Y363)	2
807	16Y361	TUBE, burner fron, 4-3-4 (16Y352, 16Y666)	1	824	125029	SCREW, shoulder, socket head, M5	4
	16Y371	TUBE, burner front, 4-4-4 (16Y363)	1	825	16Y358	TUBE, burner back, 4-3-4 (16Y352)	1
	26D117	TUBE, burner front, 6-3-6 (26D109)	1		16Y806	TUBE, burner back, 4-2-4 (16Y666)	1
808	2013903	COUPLING, quick release, male	2		16Y368	TUBE, burner back, 4-4-4 (16Y363)	1
809	113444	FITTING, elbow street, 45dx 1/4 npt	1		26D128	TUBE, burner back, 6-3-6 (26D109)	1
810		KIT, repair, torch head, die (model 16Y352)	6	826	16Y235	FITTING, nipple 1/4 npt to 1/8 npt	1
		KIT, repair, torch head, die (model 16Y666)	6	827	24H581	PLATE, die runner, proscreed, right	2
		KIT, repair, torch head, die (model 16Y363)	6	828	123340	SCREW, mach, flat head, undercut	4
		KIT, repair, torch head, die (model 26D109)	6	829	16Y355	YOKE, weldment, 4-3-4 (16Y352)	1
813	16Y353	DIE, box weldent, 4-3-4 (16Y352)	1		16Y336	YOKE, weldment, 4-2-4 (16Y666)	1
	16Y800	DIE, box weldent, 4-2-4 (16Y666)	1		16Y206	YOKE, weldment, 4-4-4 (16Y363)	1
	16Y364	DIE, box weldent, 4-4-4 (16Y363)	1		26D114	YOKE, weldment, 6-3-6 (26D109)	1
	26D115	DIE, box weldent, 6-3-6 (26D109)	1	830	16H189	GUIDE, bar, shear, double, 4-3-4 (16Y352)	1
814	125028	SCREW, shoulder, socket head M8	2		16Y805	GUIDE, bar, shear, double, 4-2-4 (16Y666)	1
815	121518	SCREW, cap, sch	20		16H161	GUIDE, bar, shear, double, 4-4-4 (16Y363)	1
816	24H580	PLATE, die runner, proscreed, left	2		18F275	GUIDE, bar, shear, double, 6-3-6 (26D109)	1
817	125027	SCREW, shoulder, socket head M8	2	831	16Y205	HANDLE, die handle, assy	1
818	16H159	BAR, shear, die, double, 4 in. (16Y352, 16Y666, 16Y363)	2	832	113093	CONNECTOR, pipe	1
	17A211	BAR, shear, die, double, 6 in. (26D109)	2	833	2014491	KIT, quick disconnect (not shown)	1
819	16G995	BAR, support (16Y352)	2				

Parts - ThermoLazer 300TC (Models 24H622)

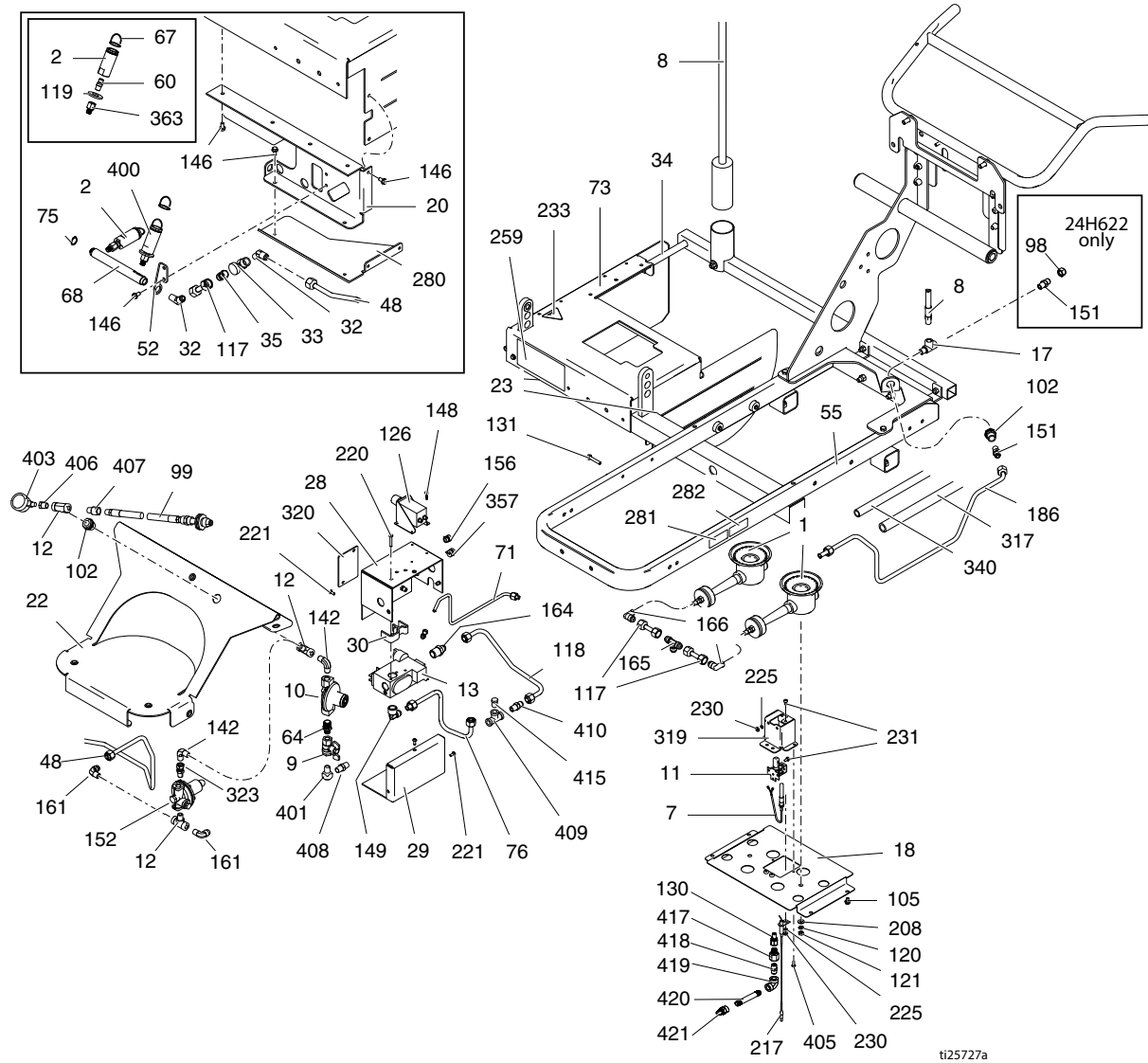


Parts List - ThermoLazer 300TC (Models 24H622)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
2	24J570	KIT, repair, torch head, die (includes 67) 24H622 24H625	7 3	86n	120476	BOLT, shoulder, 5/16	1
3	111195	SCREW, cap, flng HD	2	86p	17H485	SHAFT, fork	1
27	15X765	WHEEL, drive, bead	1	86q	113962	WASHER, hardened, SAE	1
33	125064	VALVE, needle, gas, 1/4 npt	2	86r	114681	SCREW, cap, hex HD	1
39	24J578	KIT, repair, manifold, rear	1	86s	112405	NUT, lock	1
43	24J865	KIT, replacement, bead hopper (includes 228, 248, 264)	1	86u	112825	SPRING, belleville	2
50	257399	CLAMP, beadbox	2	87	240991	BRACKET, caster, front	1
53	257455	HANDLE, lift, die/bead dispenser	1	88	193658	NUT, seal	2
54	257617	CONNECTOR, bead box hose	1	89	114549	WHEEL, pneumatic	1
55	24J586	KIT, repair, frame (includes 222, 224)	1	90	113471	SCREW, cap, hex HD	1
69	24R144	BOX, 12", with 1" gages	1	92	114648	CAP, dust	3
69a	257378	MANIFOLD, assembly	1	93	114682	SPRING, compression	1
69b	112788	SCREW, cap, sockethead	4	94	241445	KIT, cable	1
69c	121112	SCREW, cap, sockethead	2	95	114802	STOP, wire	1
69d	16U614	BRACKET, beadbox, linkage	1	98	16Y249	HOSE, torch, rear	1
69e	16A243	GASKET, foam	1	100	159840	ADAPTER	1
69f	110631	SCREW, sockethead	8	104	16H192	BRACKET, support, manifold, rear, left	1
69g	24J866	HANDLE, adjuster, bead	1	109	16H107	BRACKET, support, manifold, rear, right	1
69k	295709	SCREW, cap, sockethead	1	112	113444	FITTING, elbow street, 45dx 1/4 npt	1
69m	123481	SCREW, shoulder, screw, 1/4-20	2	114	114659	GRIP, handle	5
69n	16H292	BRACKET, right, bead dispenser	1	115	101550	SCREW, cap, sch	4
69p	112310	SCREW, cap, sch	4	128	100187	NUT	4
69r	15X281	ADJUSTER	1	132	801020	NUT, lock	1
69s	15X274	GATE, poly	1	134	114766	BOLT, cap hex head	1
69t	15X275	GATE, bar	1	138	111145	KNOB, pronged	1
69u	16U612	PLATE, slide, 1"	12	139	111192	SCREW, cap flang HD	26
69v	114708	SPRING, compression	12	151	118484	FITTING, connector	4
69w	24C672	SHAFT, bead assembly kit	1	160	116789	CLAMP, hose	6
69x	114797	GASKET	2	172	119547	NUT, hex, lock, nylon, thin	2
69y	123304	BEARING, double sealed	2	179	15V415	CLEVIS	4
69z	16H293	BRACKET, left, bead dispenser	1	181	16A041	SHAFT, threaded	1
69aa	16U613	HOUSING, dispenser, 12", 12 holes	1	182	16H291	SHAFT, threaded	1
69cc	104034	WASHER, plain	24	189	16A100	HOSE, bead	3
69dd	119872	SCREW, shoulder	12	211	100664	SCREW, set, sch	1
75	113958	RING, retaining, external	3	222▲	16A274	LABEL, ISO, explosion	1
78	15W873	ARM, die/bead dispenser	1	224	15Y963	LABEL kettle burners, lighting	1
82	112405	NUT, lock	6	228▲	16A276	LABEL, ISO symbols warn & instru	1
83	112825	SPRING, belleville	10	248	16E335	LABEL, brand, Graco	2
85	101566	NUT, lock	12	264▲	15Y966	LABEL, fire and explosion	1
86	24H246	CASTER, promelt, blue	1	268	120592	PIN, cotter, hairpin	3
86c	113485	BEARING, cup/cone	2	270	16F660	SHIELD, heat, rear, Promelt	1
86d	15G952	CASTER, machine	1	278	114982	SCREW, cap, flng HD	11
86e	113484	SEAL, grease	1	299	24H619	KIT, accessory, rear torch (includes 2, 98, 151, 33, 115, 104, 70, 60, 67, 109, 75, 39, 100, 112, 372, 373)	1
86f	17H486	DISK, adjuster	1	372	113093	CONNECTOR, pipe	1
86g	110754	SCREW, cap, sch	2	373	16Y844	TUBE, formed, gas	1
86h	193662	STOP, wedge	1	374	16Y885	KIT, rear die hose (includes 33, 98, 100, 151, 373)	1
86j	114548	BEARING, bronze	2				
86k	193528	ARM, detent	1				
86m	15J603	SPACER, round, .625 in.	1				

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

Parts - ThermoLazer 300TC (Models 24H622)



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Parts List - ThermoLazer 300TC (Models 24H622)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	24C394	KIT, replacement, burner (Series A, B, and C Models)	2	146	107257	SCREW, thd forming	25
	16Y284*	RING, burner (Series D Models only)	2	148	122667	SCREW, drill, hex washer head	3
2	24J570	KIT, repair, torch head, die (includes 67)	7	149	118458	FITTING, elbow, male	1
	24H622		3	151	118484	FITTING, connector	2
	24H625		1	152**	24L884	KIT, REGULATOR, LP gas, 20 psi	1
7*	122944	FITTING, Thermopile	1	156	119545	BUSHING, strain, relief	2
8	125032	TOOL, torch	1	161	123155	FITTING, flared, 1/4 pipe, 90 elbow	3
9	122946	VALVE, shut off	1	164	123157	FITTING, flared, 1/2 pipe, adapter	1
10	24U191	KIT, repair, regulator	1	165*	123158	FITTING, flared, 3/8 tube, tee	1
11	24U190	KIT, repair, pilot, ThermoLazer (includes 130)	1	166*	125241	FITTING, flared, 1/8 npt x 90 elbow	2
			3	186	16F282	TUBE, formed, gas	1
12	108638	TEE, male	1	208*	110755	WASHER, plain	2
13	16F638	KIT, repair, valve, gas, ProMelt	1	217*	127255	ELECTRODE	1
17	106228	FITTING, tee, street	1	220	111235	SCREW, mach, pnh	3
1*8	16J484	PLATE, mount, burner	1	221	116610	SCREW, mach, phil, pan, #10	9
20	16H105	BRACKET, support, burner, front	1	225*	100020	WASHER, lock	3
22	16F641	BRACKET, support, tank, propane	1	230*	100179	NUT, hex mscr	2
23	15W735	ARM, chamber, die	1	231*	110637	SCREW, mach, panhead	5
28	24F695	ENCLOSURE, valve	1	233▲	16D646	LABEL, ISO, hot surface	5
29	16F642	COVER, enclosure, valve box	1	259	16J470	LABEL, front burner lighting instructions	1
30	16A708	BLOCK, spacer, gas valve	1	280	16J865	PLATE, skid, torch, protector	1
32	118482	FITTING, elbow, 45	2	282	24J404	LABEL, regulator	1
33	125064	VALVE, needle, gas, 1/4 npt	2	317	24J589	SLEEVE, high temp, 1/4, bulk	1
34	15Y339	ROD, support, die	1	319*	16W410	BRACKET	1
35	125063	FITTING, flared, 1/4 pipe, adapter	1	320	16C333	DOOR	1
48	16H128	TUBE, formed, gas	1	323	156823	FITTING, union, swivel	1
52	16H106	BRACKET, support, manifold, front	1	340	24J590	SLEEVE, high temp, 3/8, bulk	6
55	24J868	KIT, repair, frame, ThermoLazer (includes 281, 282)	1	357	120975	BUSHING, strain relief	1
			1	363	555458	ADAPTER, 1/8M BSPT x 1/8F NPTF	1
60	16T921	FITTING, flow chart	1	400	24T765	KIT, repair, torch up burner (includes 67)	1
64	157350	FITTING, nipple, pipe, hex	1	401+	100840	FITTING, elbow, street	1
67	16H104	INDICATOR, burner	7	403+	127257	GAUGE, 300 psi	1
	24H622		3	404	24T885	KIT, repair, gauges	1
	24H625		1	405*	114984	SCREW, tapping, phillips pan hd	1
68	24J577	KIT, repair, manifold, front	1	406+	100030	BUSHING	1
71	24J572	TUBE, formed, gas	1	407+	16W635	FITTING, filter	1
73	24J587	KIT, repair, shroud, die (includes 233, 259)	1	408+	156971	FITTING, nipple, short	1
			3	409+	104984	FITTING, tee, pipe	1
75	113958	RING, retaining, external	1	410+	118484	FITTING, connector	1
76	16J486	TUBE, formed, gas	1	415+		PLUG, 1/4 NPT Brass Hex Hd	1
98	100721	FITTING, cap	1	416	24C113	KIT, repair, fitting, ferrule	1
99	123086	HOSE, propane w/ polswivel adapter	1	417*	555455	ADAPTER, 1/8 x 1/8 npt	1
102	104641	FITTING, bulkhead	2	418*	103656	NIPPLE, 1/8 x 1/8 npt, male	1
105*	112798	SCREW, thread forming, hex HD	14	419*	123725	ELBOW, 1/8 x 1/8 npt, female	1
117*	16A061	TUBE, formed, gas, ThermoLazer	3	420*	128444	NIPPLE, 2.5 in, 1/8 x 1/8 npt	1
118	16W412	TUBE, formed, gas, ThermoLazer	1	421*	16Y514	ADAPTER, flared, 1/8 npt	1
120*	100016	WASHER, lock	2				
121*	100015	NUT, hex mscr	4				
126	123085	CONTROL, igniter, pulse	1				
130*	125323	FITTING, inlet, pilot	1				
131	114104	SCREW, mach, hex wash HD	10				
142	110249	ADAPTER, male elbow 90 degr	2				

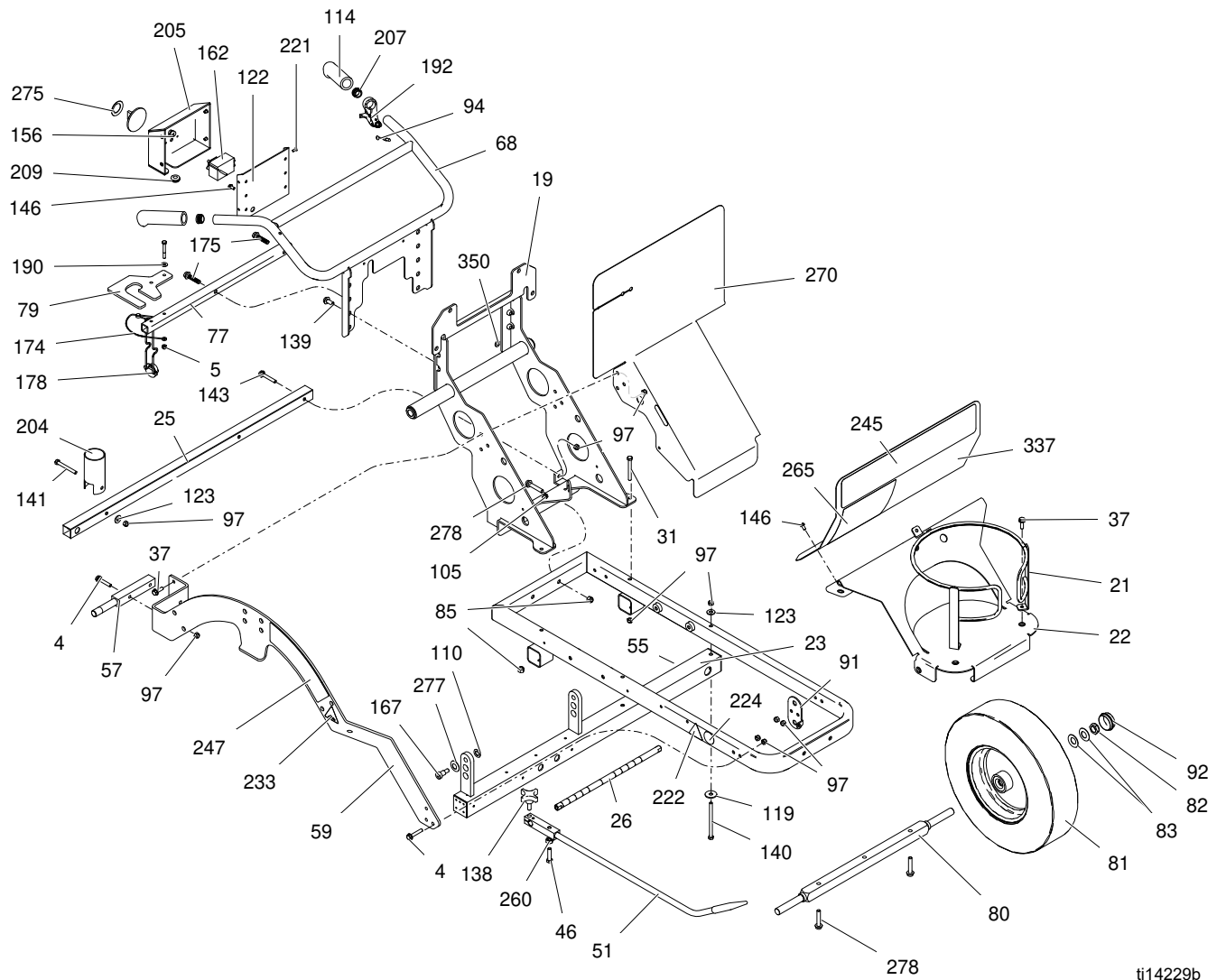
** Includes 323 Fitting, union swivel

+ Included in kit 24T885

* Included in kit 24U190

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

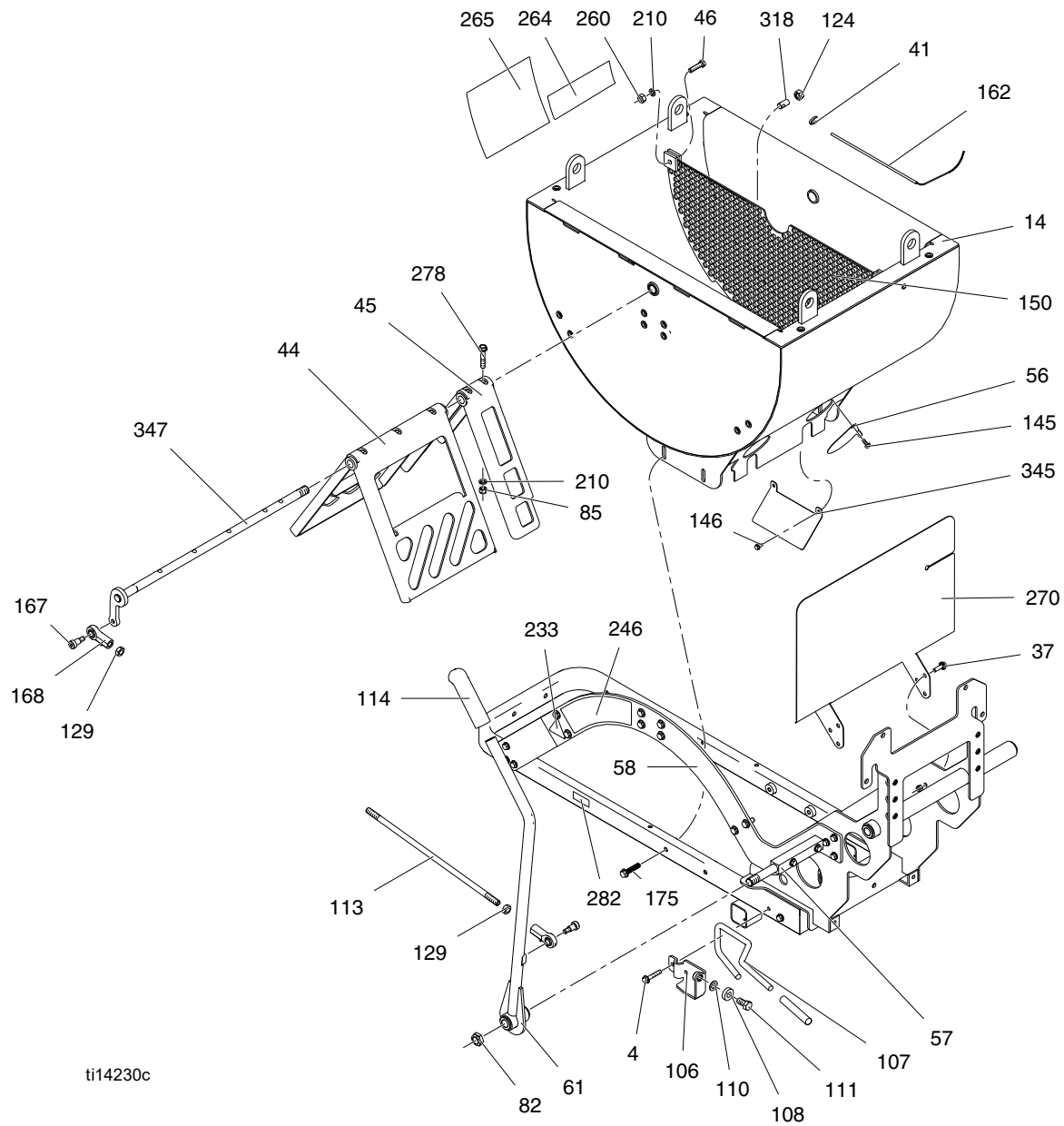
Parts - ThermoLazer 300TC (Models 24H622)



Parts List - ThermoLazer 300TC (Models 24H622)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
4	112960	SCREW, cap, flng HD	10	123	100023	WASHER, flat	5
5	102040	NUT, lock, hex	2	138	111145	KNOB, pronged	1
19	24F693	BRACKET, handle, mount	1	139	111192	SCREW, cap flang HD	26
21	24F694	HOLDER, tank, propane	1	140	110384	SCREW, cap, hex HD	2
22	16F641	BRACKET, support, tank, propane	1	141	113664	SCREW, cap, hex HD	1
23	15W735	ARM, chamber, die	1	143	114653	SCREW, cap, flange head	2
25	15X377	TUBE, support, beadbox	1	146	107257	SCREW, thd forming	22
26	16A481	BAR, mount, indicator, line	1	156	119545	BUSHING, strain, relief	2
31	110385	SCREW, cap, hex HD (5/16x3)	2	162	24C397	KIT, replacement, temperature control (includes 275)	1
37	112586	SCREW, cap, hex HD	13	167	123199	SCREW, shoulder, socket head	3
46	102637	SCREW, cap	3	174	121458	TIE, lanyard	1
51	24C232	INDICATOR, line, ThermoLazer	1	175	117779	SCREW, hex head, flanged	6
55	24J868	KIT, repair, frame, ThermoLazer (includes 222, 224)	1	178	123186	TOOL, spark lighter	1
57	15W443	SHAFT, pivot, agitator	2	190	170772	WASHER, plain	2
59	24J584	KIT, repair, mount, ThermoLazer, right (includes 233, 247)	1	192	194310	LEVER, actuator	1
68	15W992	BAR, handle	1	204	16H582	TUBE, torch holder	1
77	15X286	TUBE, lock	1	205	15X993	BOX, control	1
79	15X287	BRACKET, lock	1	207	120151	RETAINER, caplug	3
80	193405	AXLE	1	209	801012	GROMMET	1
81	111020	WHEEL, pneumatic	2	221	116610	SCREW, mach, phil, pan, #10	13
82	112405	NUT, lock	6	222▲	16A274	LABEL, ISO, explosion	1
83	112825	SPRING, belleville	10	224▲	15Y963	LABEL ISO, read instructions	1
85	101566	NUT, lock	12	233▲	16D646	LABEL, ISO, hot surfaces	5
91	15F910	BRACKET, cable	1	247	16A317	LABEL, ThermoLazer, right	1
92	114648	CAP, dust	3	260	100131	NUT, full hex	3
94	241445	CABLE	1	270	16F660	SHIELD, heat, rear, ProMelt	1
97	111040	NUT, lock, insert, nylock, 5/16	23	275	16A873	LABEL, temperature control F & C	1
105	112798	SCREW	14	277	119563	WASHER, belleville	1
110	195134	SPACER, ball, guide	2	278	114982	SCREW, cap, flng HD	11
114	114659	GRIP, handle	5	350	124655	GROMMET, high temp	1
119	108851	WASHER, plain	2	▲ Replacement safety labels, tags, and cards are available at no cost.			
122	15X995	COVER, control box	1				

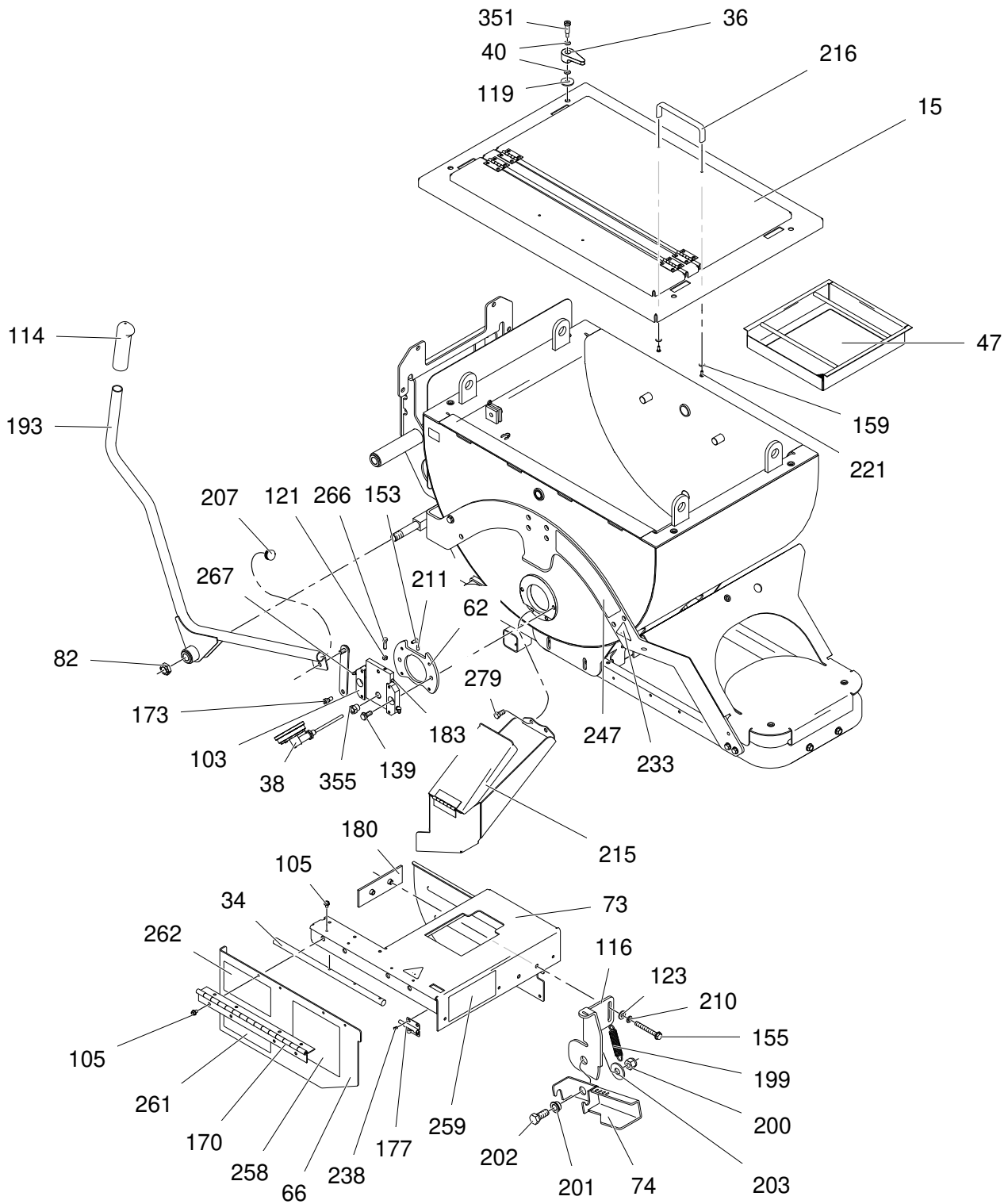
Parts - ThermoLazer 300TC (Models 24H622)



Parts List - ThermoLazer 300TC (Models 24H622)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
4	112960	SCREW, cap, flng HD	10	129	100111	NUT	2
14	16A404	RESERVOIR, Thermolazer, painted	1	145	112774	SCREW, mach, sltd hex wash HD	4
37	112586	SCREW, cap, hex HD	13	146	107257	SCREW, thd forming	22
41	16C018	CLIP, holder, wire	3	150	15X215	SCREEN, kettle	1
44	24C633	AGITATOR, large	1	162	24C397	KIT, replacement, temperature control (includes 41, 124, 318)	1
45	24C634	AGITATOR, small	1	167	123199	SCREW, shoulder, socket head	4
46	102637	SCREW, cap	3	168	123200	ROD, ball joint, end	2
56	15W440	CHAMBER, heat, site door	2	175	117779	SCREW, hex head, flanged	6
57	15W443	SHAFT, pivot, agitator	2	210	100133	WASHER, lock, 3/8	9
58	24J585	KIT, repair, mount, left (includes 233, 246)	1	233▲	16D646	LABEL, 2 in., ISO, hot surface	5
61	15W447	AGITATOR, arm	1	246	16A316	LABEL, brand, Thermolazer left	1
82	112405	NUT, lock	6	260	100131	NUT, full hex	3
85	101566	NUT, lock	10	265	15Y964	LABEL, footage counter	1
106	198891	BRACKET	1	270	16F660	SHIELD, heat, rear, Promelt	1
107	198930	ROD, brake	1	278	114982	SCREW, cap, flng HD	11
108	198931	BEARING	1	282	24J404	LABEL, Promelt regulator label	1
110	195134	SPACER, ball, guide	2	318	15Y792	HOLDER, temp probe	1
111	113961	SCREW, cap, hex HD	1	345	15W733	DEFLECTOR, heat	2
113	15Y673	ROD, pivot, agitator	1	347	258686	SHAFT, agitator	1
114	114659	GRIP, handle	5	▲ Replacement safety labels, tags, and cards are available at no cost.			
124	100681	NUT, jam, hex	1				

Parts - ThermoLazer 300TC (Models 24H622)

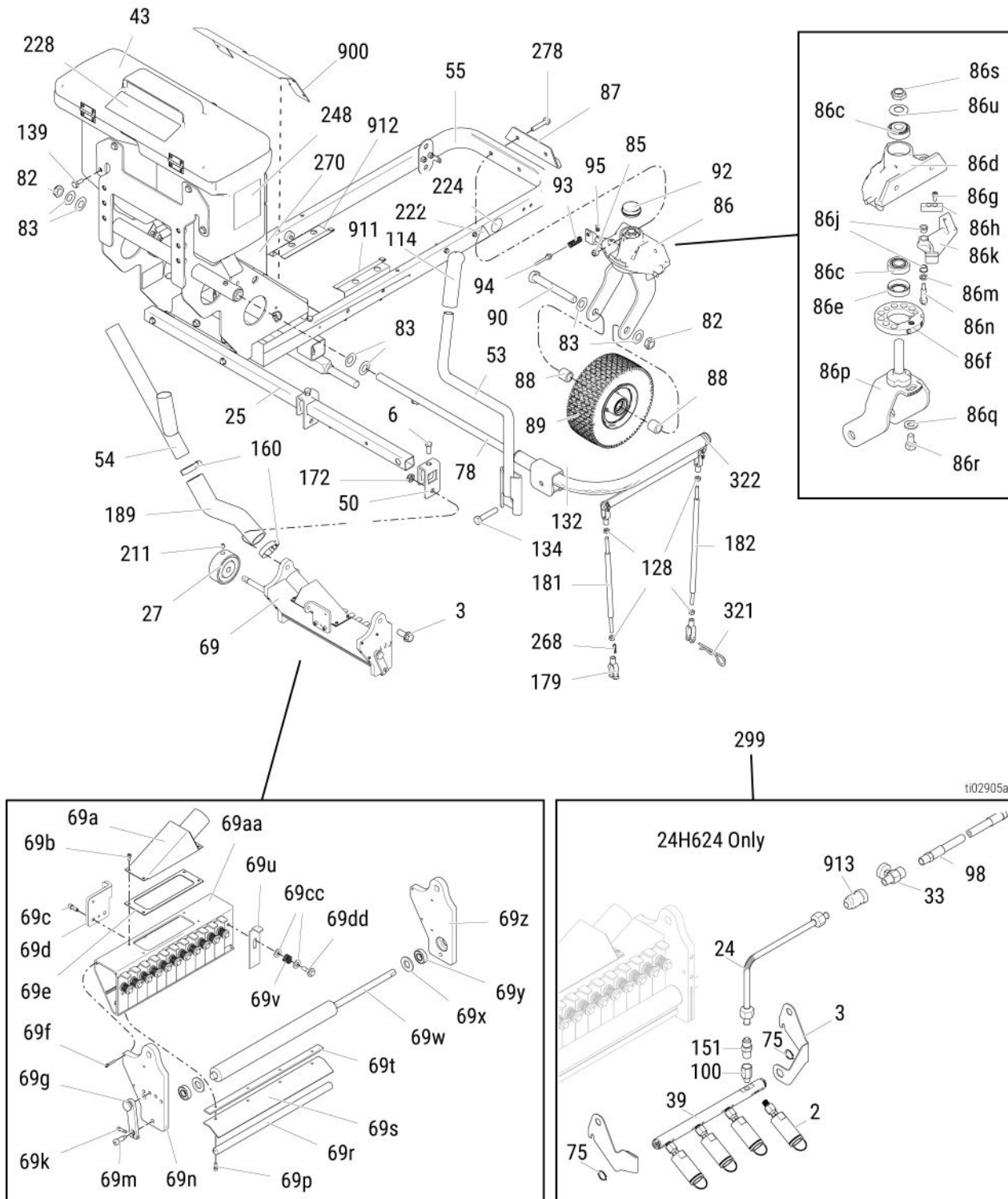


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Parts List - ThermoLazer 300TC (Models 24H622)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
15	15W407	COVER, kettle	1	183	24C105	GATE, valve, finished	1
34	15Y339	ROD, support, die	1	193	24B811	HANDLE, gate valve	1
36	15Y677	LATCH, cover	4	199	123206	SPRING, extension	1
38	15Y679	THERMOMETER, temp gauge	1	200	101712	NUT, lock	1
40	113680	WASHER, wave	8	201	123209	BEARING, flanged	1
47	257368	SCREEN, inlet	1	202	123208	SCREW, cap, hex head	1
62	16A065	FLANGE, mount, gate valve	1	203	115028	WASHER, flat	1
66	24J588	KIT, shroud, die, door (includes 258, 261, 262)	1	207	120151	RETAINER, caplug	3
73	24J587	KIT, shroud, die (includes 233, 259)	1	210	100133	WASHER, lock, 3/8	9
74	15W614	HANDLE, actuator	1	211	100664	SCREW, set, sch	1
82	112405	NUT, lock	6	215	24J084	FUNNEL, complete	1
103	16A066	PLATE, guide, gate valve	2	216	15W412	HANDLE, cover	2
105	112798	SCREW, thread forming, hex HD	12	221	116610	SCREW, mach, phil, pan, #10	13
114	114659	GRIP, handle	5	233▲	16D646	LABEL, 2 in., ISO, hot surface	5
116	15W737	BRACKET, tension, die	1	238	123035	RIVET, blind	4
119	108851	WASHER, plain	6	247	16A317	LABEL, brand, Thermolazer right	1
121	100015	NUT, hex mscr	4	258	16H841	LABEL, instruction, SmartDie II	1
123	100023	WASHER, flat	5	259	16J470	LABEL, front burner lighting ins	1
139	111192	SCREW, cap flang HD	26	261	16J468	LABEL, torch lighting instructio	1
153	123164	SCREW, sockethead, flat	4	262	16J469	LABEL, rear burner lighting inst	1
155	116935	SCREW, cap, flnghd	2	266	100021	SCREW, cap hex HD	1
159	112776	WASHER, plain (24H622 only)	4	267	100847	FITTING, lubrication	2
170	123154	HINGE, access door	1	279	100680	SCREW, cap, hex HD	2
173	121256	SCREW, shoulder, skt HD	1	351	120476	BOLT, shoulder, 5/16	4
177	123099	LOCK, slide barrel	1	355	168160	BUSHING, pipe	1
180	15Y949	PLATE, back support	1	▲ Replacement safety labels, tags, and cards are available at no cost.			

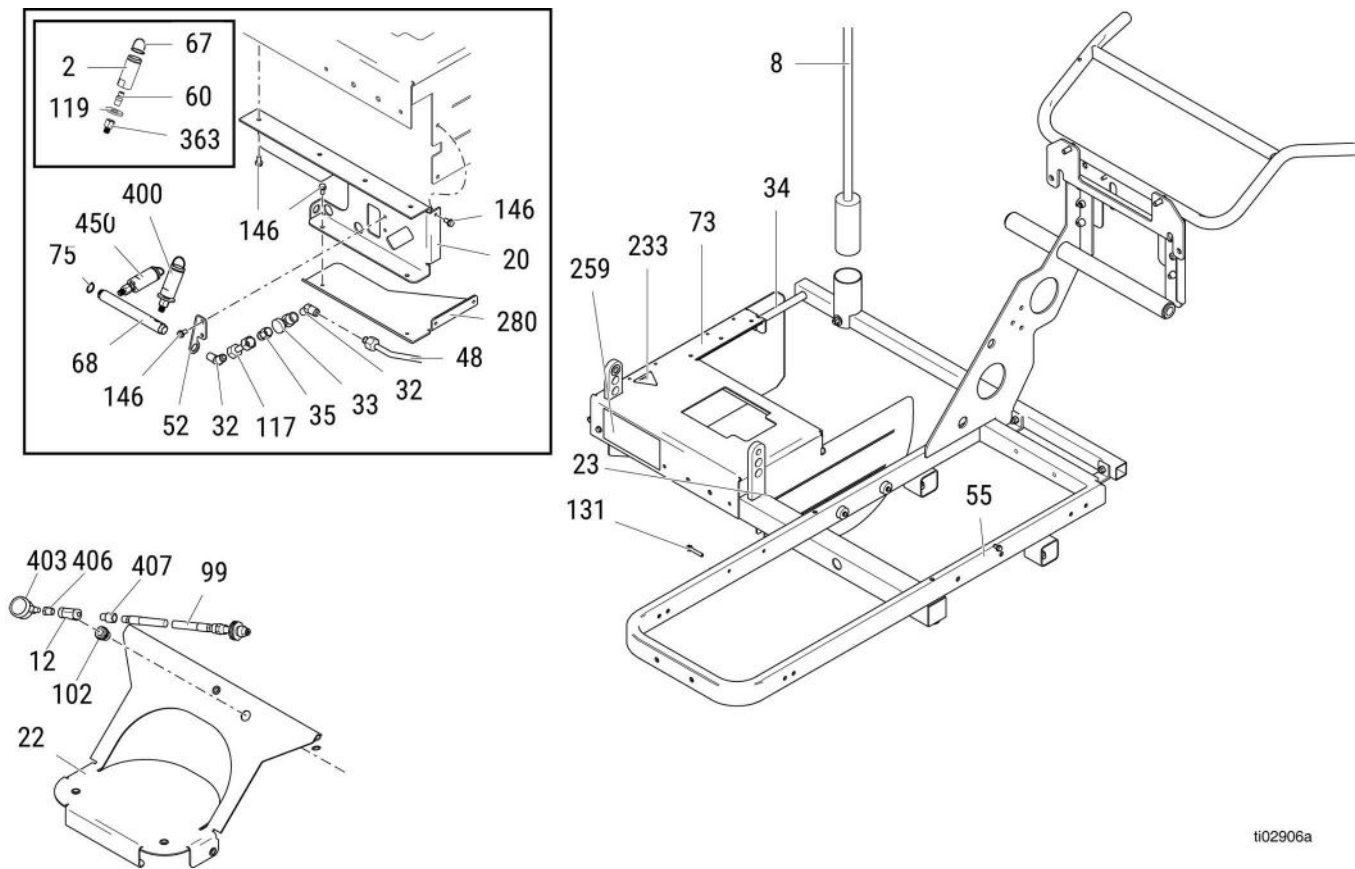
Parts - ProMelt (Model 24H624)



Parts List - ProMelt (Model 24H624)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
2	24J570	KIT, repair, torch head, die	7	86p	17H485	SHAFT, fork	1
3	111195	SCREW, cap, flng HD	2	86q	113962	WASHER, hardened, SAE	1
6	100101	SCREW, cap, hex HD	2	86r	114681	SCREW, cap, hex HD	1
25	15X377	TUBE, support, beadbox	1	86s	112405	NUT, lock	1
27	15X765	WHEEL, drive, bead	1	86u	112825	SPRING, belleville	2
33	125064	VALVE, needle, gas, 1/4 npt	2	87	240991	BRACKET, caster, front	1
39	24J578	KIT, repair, manifold, rear	1	88	193658	NUT, seal	2
43	24J865	KIT, replacement, bead hopper (includes 228, 248, 264)	1	89	114549	WHEEL, pneumatic	1
				90	113471	SCREW, cap, hex HD	1
50	257399	CLAMP, beadbox	2	92	114648	CAP, dust	3
53	257455	HANDLE, lift, die/bead dispenser	1	93	114682	SPRING, compression	1
54	257617	CONNECTOR, bead box hose	1	94	241445	KIT, cable	1
55	24J586	KIT, repair, frame, (includes 222, 224)	1	95	114802	STOP, wire	1
				98	16Y249	HOSE, torch, rear	1
69	24R144	BOX,bead,12",with 1" gages	1	100	159840	ADAPTER	1
69a	257378	MANIFOLD, assembly	1	104	16H192	BRACKET, support, manifold, rear, left	1
69b	112788	SCREW, cap, sockethead	4	109	16H107	BRACKET, support, manifold, rear, right	1
69c	121112	SCREW, cap, sockethead	2	114	114659	GRIP, handle	5
69d	16U614	BRACKET, beadbox, linkage	1	115	101550	SCREW, cap, sch	4
69e	16A243	GASKET, foam	1	128	100187	NUT	4
69f	110631	SCREW, sockethead	8	132	801020	NUT, lock	1
69g	24J866	HANDLE, adjuster, bead	1	134	114766	BOLT, cap hex head	1
69k	295709	SCREW, cap, sockethead	1	139	111192	SCREW, cap flang HD	25
69m	123481	SCREW, shoulder, screw, 1/4-20	2	151	118484	FITTING, connector	1
69n	16H292	BRACKET, right, bead dispenser	1	160	116789	CLAMP, hose	6
69p	112310	SCREW, cap, sch	4	172	119547	NUT, hex, lock, nylon, thin	2
69r	15X281	ADJUSTER	1	179	15V415	CLEVIS	4
69s	15X274	GATE, poly	1	181	16A041	SHAFT, threaded	1
69t	15X275	GATE, bar	1	182	16H291	SHAFT, threaded	1
69u	16U612	PLATE, slide1"	12	189	16A100	HOSE, bead	3
69v	114708	SPRING, compression	12	211	100664	SCREW, set, sch	1
69w	24C672	SHAFT, bead assembly kit	1	222▲	16A274	LABEL, ISO explosion	1
69x	114797	GASKET	2	224	15Y963	LABEL, kettle burners lighting	1
69y	123304	BEARING, double sealed	2	228▲	16A276	LABEL, ISO symbols warn & instru	1
69z	16H293	BRACKET, left, bead dispenser	1	248	16E335	LABEL, brand, Graco	2
69aa	16U613	HOUSING, dispenser 12",12 holes	1	264▲	15Y966	LABEL, fire and explosion	1
69cc	104034	WASHER, plain	24	268	120592	PIN, cotter, hairpin	3
69dd	119872	SCREW, shoulder	12	270	18F669	SHIELD, heat, rear, ProMelt	1
75	113958	RING, retaining, external	3	278	114982	SCREW, cap, flng HD	6
78	15W873	ARM, die/bead dispenser	1	299	24H619	KIT, accessory, rear torch	1
82	112405	NUT, lock	6			(includes 2, 98, 151, 33, 115, 104, 70, 60, 67, 109, 75, 39, 100, 112, 372, 373)	
83	112825	SPRING, belleville	10				
85	101566	NUT, lock	7	321	123385	PIN, cotter, hairpin	2
86	24H246	CASTER, ProMelt, blue	1	322	112853	PLUG, tubing	1
86c	113485	BEARING, cup/cone	2	373	16Y844	TUBE, formed, gas	1
86d	15G952	CASTER, machine	1	374	16Y885	KIT, rear die hose (includes 33, 98, 100, 151, 373)	1
86e	113484	SEAL, grease	1				
86f	17H486	DISK, adjuster	1	900	18F637	SHIELD, kettle, bottom	1
86g	110754	SCREW, cap, sch	2	911	18F671	BRACKET, plate, mount, right	1
86h	193662	STOP, wedge	1	912	18F670	BRACKET, plate, mount, left	1
86j	114548	BEARING, bronze	2	913	2015657	FITTING, connector	1
86k	193528	ARM, detent	1				
86m	15J603	SPACER, round, .625 in.	1	▲ Replacement safety labels, tags, and cards are available at no cost.			
86n	120476	BOLT, shoulder, 5/16	1				

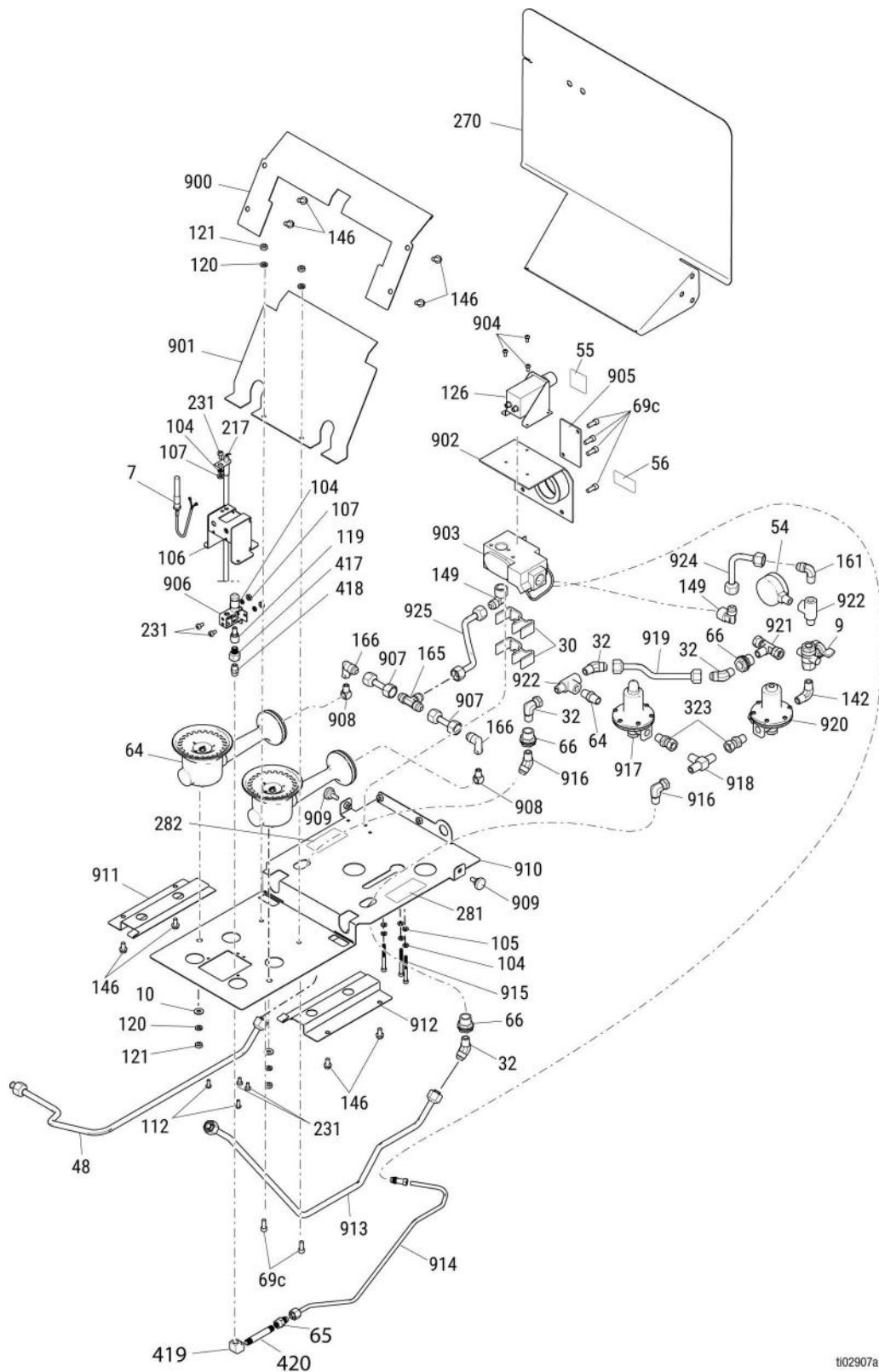
Parts - ProMelt (Model 24H624)



Parts List - ProMelt (Model 24H624)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
2	16W411	HOUSING, burner, gen II	7	117*	16A061	TUBE, formed, gas	1
8	125032	TOOL, torch	1	119*‡	125324	FITTING, inlet, pilot	1
12	108638	TEE, male	1	131	114104	SCREW, mach, hex wash HD	10
20	16H105	BRACKET, support, burner, front	1	146	107257	SCREW, thd forming	37
22	16F641	BRACKET, support, tank, propane	1	233▲	16D646	LABEL, ISO, hot surfaces	5
23	15W735	ARM, chamber, die	1	259	16J470	LABEL, front burner lighting	1
32	118482	FITTING, elbow, 45	2	280	16J865	PLATE, skid, torch, protector	1
33	125064	VALVE, needle, gas, 1/4 npt	2	363	555458	ADAPTER, 1/8M BSPT x 1/8F NPTF	1
34	15Y339	ROD, support, die	1				
35	125063	FITTING, flared, 1/4 pipe, adapter	1	400	24T765	KIT, repair, torch up burner (includes 2, 60, 67, 119, 363)	1
48	16H128	TUBE, formed, gas	1				
52	16H106	BRACKET, support, manifold, front	1	403+	127257	GAUGE, 300 psi	1
				406+	100030	BUSHING	1
55	24J586	KIT, repair, frame (includes 281, 282)	1	407+	16W635	FITTING, filter	1
				450	24J570	KIT, repair, torch head, die (includes 2, 60, 67, 363)	1
60	16T921	FITTING, flow control	1				
67	16H104	INDICATOR, burner	7				
68	24J577	KIT, repair, manifold, front	1		+ Included in kit 24T750		
73	24J587	KIT, repair, shroud, die (includes 233, 259)	1		* Included in kit 24X017		
75	113958	RING, retaining, external	3		‡ Included in Kit 24T749		
99	123086	HOSE, propane w/ polswivel adapter	1		▲ Replacement safety labels, tags, and cards are available at no cost.		
102	104641	FITTING, bulkhead	1				

Parts - ProMelt (Model 24H624)



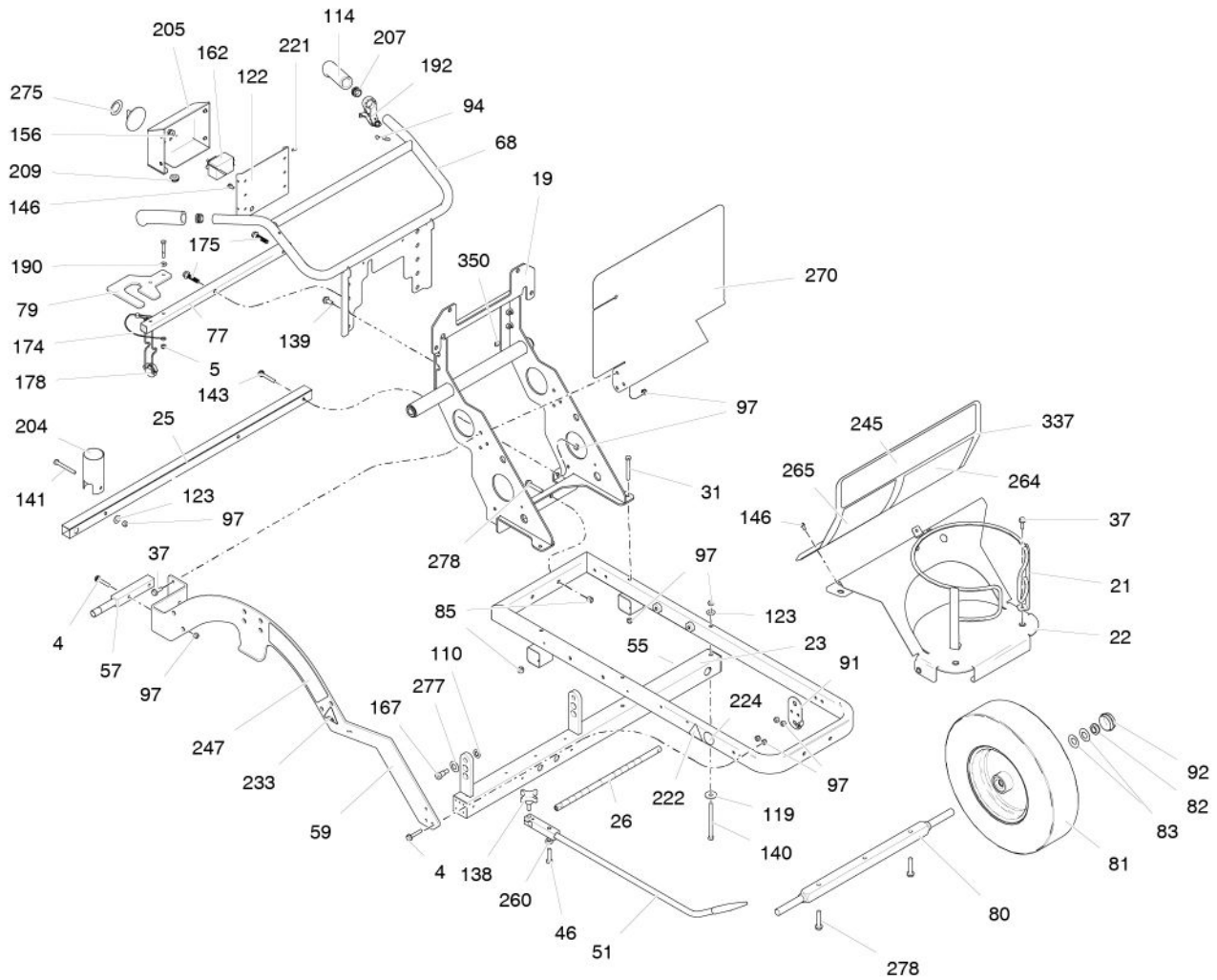
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Parts List - ProMelt (Model 24H624)

All reference numbers except 48, 146, 270, 900, 909, 911, 912, 913 and 926 are included in Kit 2010474 (slide-in tray)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
7*‡	122944	FITTING, Thermopile	1	419*‡	123725	ELBOW, 1/8 x 1/8 npt, female	1
9	122946	VALVE, shut off	1	420*‡	128444	NIPPLE, 2.5 in, 1/8 x 1/8 npt	1
10				900	18F637	SHIELD, kettle, bottom	1
30	16A708	BLOCK, spacer, gas valve	2	901	18F638	SHIELD, kettle, bottom, door	1
32	118482	FITTING, elbow, 45	6	902	26D566	COVER, gas valve, weldment	1
48	18F649	TUBE, formed, gas	1	903	124608	VALVE, gas	1
54+	16Y229	GAUGE, pressure	1	904	119877	SCREW, self tapping, pan hd, torx	3
55▲	16A277	LABEL, kettle pilot burner ignite	1	905	18F863	COVER, gas valve	1
56▲	15Y967	LABEL, kettle gas safety valve	1	906	122948	HEATER, burner, pilot	1
64+	156971	FITTING, nipple, short	1	907	16A061	TUBE, gas, burner, tee out	2
65*‡	16Y514	FITTING, flared, 1/8 pipe, adapter	1	908	100839	FITTING, elbow, street	2
66	104641	FITTING, bulkead	3	909	123261	SCREW, thumb	2
69c	121112	SCREW, sch, 1/4-20x.625	6	910	26D565	PLATE, mounting, burner	1
104*‡	100020	WASHER, lock	6	911	18F671	BRACKET, plate, mount, right	1
105	116876	WASHER, flat	3	912	18F670	BRACKET, plate, mount, left	1
106*‡	16W410	BRACKET, mount, electrode	1	913	18F648	TUBE, formed, gas tank	1
107*‡	100179	NUT, hex	5	914	18F647	TUBE, formed, gas, pilot	1
112*‡	144984	SCREW, tapping, phillips pan hd	2	915	18F989	SCREW, socket head, 10-24 UNC	3
119*‡	125324	FITTING, inlet, pilot	1	916	155541	FITTING, swivel, 90 degree	2
120*	100016	WASHER, lock	2	917**	125879	REGULATOR, 20 psi	1
121*	100015	NUT, hex mscr	2	918	113548	FITTING, tee	1
126	123085	CONTROL, igniter, pulse	1	919	18F645	TUBE, formed, gas, torched	1
142	110249	ADAPTER, male elbow 90 degr	1	920	16Y306	REGULATOR, 2.5 psi	1
146	107257	SCREW, thd forming	8	921	18F653	FITTING, tee, swivel	1
149	118458	FITTING, elbow, male	2	922	116504	FITTING, tee, run	2
161	123155	FITTING, flared, 1/4 pipe, 90 elbow	1	924	18F650	TUBE, formed, gas, valve in	1
165*	123158	FITTING, flared, 3/8 tube, tee	1	925	18F646	TUBE, formed, gas, burner, tee in	1
166*	125241	FITTING, flared, 1/8 npt x 90 elbow	2	926	118484	FITTING, connector	1
217*‡	127255	ELECTRODE	1	** Includes 323 Fitting, union swivel			
231*‡	110637	SCREW, mach, panhead	6	+ Included in kit 24T750			
270	18F669	SHIELD, heat, rear	1	* Included in kit 24X017			
281	24J403	LABEL, regulator	1	‡ Included in Kit 24T749			
282	24J404	LABEL, regulator	1	▲ Replacement safety labels, tags, and cards are available at no cost.			
323	156823	FITTING, union swivel	2				
417*‡	555455	ADAPTER, 1/8 x 1/8 npt	1				
418*‡	103656	NIPPLE, 1/8 x 1/8 npt, male	1				

Parts - ProMelt (Model 24H624)



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Parts List - ProMelt (Model 24H624)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
4	112960	SCREW, cap, flng HD	10	139	111192	SCREW, cap flang HD	25
5	102040	NUT, lock, hex	2	140	110384	SCREW, cap, hex HD	2
19	24F693	BRACKET, handle, mount	1	141	113664	SCREW, cap, hex HD	1
21	24F694	HOLDER, tank, propane	1	143	114653	SCREW, cap, flange head	2
22	16F641	BRACKET, support, tank, propane	1	146	107257	SCREW, thd forming	37
23	15W735	ARM, chamber, die	1	156	119545	BUSHING, strain, relief	1
25	15X377	TUBE, support, beadbox	1	162	24J569	KIT, repair, temp, control ProMelt (includes 275)	1
26	16A481	BAR, mount, indicator, line	1	167	123199	SCREW, shoulder, socket head	3
31	110385	SCREW, cap, hex HD (5/16x3)	2	174	121458	TIE, lanyard	1
37	112586	SCREW, cap, hex HD	14	175	117779	SCREW, hex head, flanged	6
46	102637	SCREW, cap	1	178	123186	TOOL, spark lighter	1
51	24C232	INDICATOR, line, thermolazer	1	190	170772	WASHER, plain	2
55	24J586	KIT, repair, frame (includes 222, 224)	1	192	194310	LEVER, actuator	1
57	15W443	SHAFT, pivot, agitator	2	204	16H582	TUBE, torch holder	1
59	24J582	KIT, repair, mount, ProMelt, right (includes 233, 247)	1	205	15X993	BOX, control	1
68	15W992	BAR, handle	1	207	120151	RETAINER, caplug	3
77	15X286	TUBE, lock	1	209	801012	GROMMET	1
79	15X287	BRACKET, lock	1	221	116610	SCREW, mach, phil, pan, #10	4
80	193405	AXLE	1	233▲	16D646	LABEL, ISO, hot surface	5
81	111020	WHEEL, pneumatic	2	245	16H076	LABEL, brand, ThermoLazer ProMelt front	1
82	112405	NUT, lock	6	247	16H075	LABEL, brand, ThermoLazer ProMelt right	1
83	112825	SPRING, belleville	10	260	100131	NUT, full hex	1
85	101566	NUT, lock	7	265	15Y964	LABEL, kettle lighting instruction	1
91	15F910	BRACKET, cable	1	270	18F669	SHIELD, heat, rear	1
92	114648	CAP, dust	3	275	16A873	LABEL, temperature control F & C	1
94	241445	KIT, repair, cable	1	277	119563	WASHER, belleville	1
97	111040	NUT, lock, insert, nylock, 5/16	23	278	114982	SCREW, cap, flng HD	6
105	112798	SCREW	8	337	24J576	KIT, repair, heat shield, front (includes 245, 265)	1
110	195134	SPACER, ball, guide	2	350	124655	GROMMET, high temp	1
114	114659	GRIP, handle	5				
119	108851	WASHER, plain	2				
122	15X995	COVER, control box	1				
123	100023	WASHER, flat	17				
138	111145	KNOB, pronged	1				

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

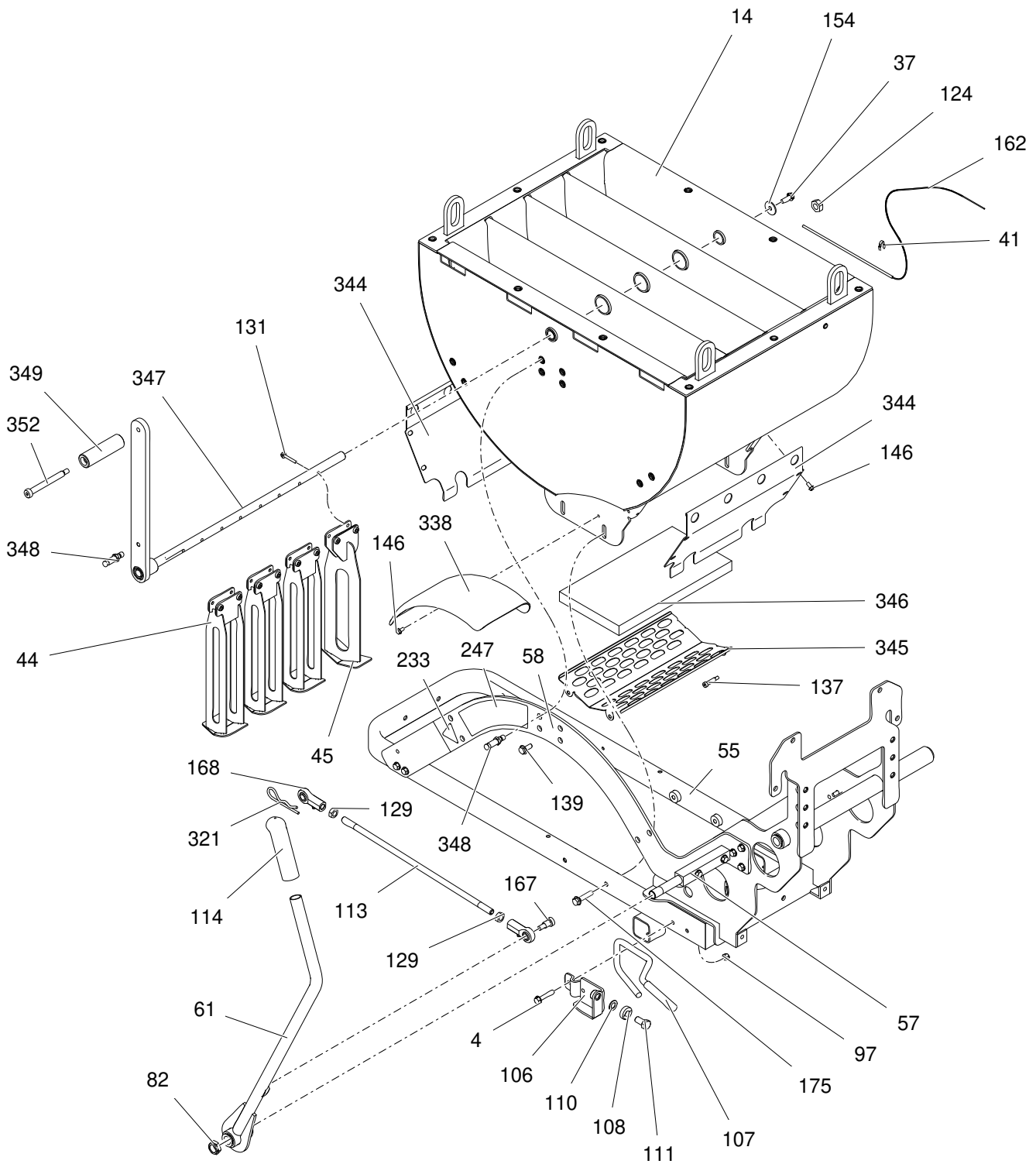


Parts List - ProMelt (Model 24H624)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
14	24J579	KIT, repair, kettle, ProMelt	1	180	15Y949	PLATE, back support	1
15	24F692	COVER, kettle, ProMelt	1	183	24C105	GATE, valve, finished	1
16	16H285	SPACER, latch, ProMelt	2	193	24B811	HANDLE, gate valve	1
23	15W735	ARM, chamber, die	1	199	123206	SPRING, extension	1
34	15Y339	ROD, support, die	1	200	101712	NUT, lock	1
36	16F643	LATCH, cover, Promelt	2	201	123209	BEARING, flanged	1
37	112586	SCREW, cap, hex hd	1	202	123208	SCREW, cap, hex head	1
38	15Y679	THERMOMETER, temp gauge	1	203	115028	WASHER, flat	1
40	116038	WASHER, wave spring	4	207	120151	RETAINER, caplug	3
42	115942	NUT, hex, flange head	2	210	100133	WASHER, lock, 3/8	2
47	16F697	SCREEN, inlet, ProMelt	1	215	24J084	FUNNEL, complete	1
57	15W443	SHAFT, pivot, agitator	2	216	16F727	HANDLE, cover	2
62	16A065	FLANGE, mount, gate valve	1	231	110637	SCREW, machine, panhead	6
63	125270	RETAINER, clip	2	233▲	16D646	LABEL, ISO, hot surface	5
66	24J588	KIT, shroud, door, die (includes 258, 261, 262)	1	238	123035	RIVET, blind	6
73	24J587	KIT, shroud, die (includes 233, 259)	1	258	16H841	LABEL, SmartDie II, instructions	1
74	15W614	HANDLE, actuator	1	259	16J470	LABEL, front burner lighting instructions	1
82	112405	NUT, lock	5	261	16J468	LABEL, torch lighting instructions	1
84	16H286	PLATE, filler, kettle	1	262	16J469	LABEL, rear screed burner	1
85	101566	NUT, lock	7	266	100021	SCREW, cap hex HD	1
103	16A066	PLATE, guide, gate valve	2	267	100847	FITTING, lubrication	2
105	112798	SCREW, thread forming, hex HD	12	279	100680	SCREW, cap, hex HD	2
114	114659	GRIP, handle	5	333	24J867	KIT, repair, lid (includes 216, 233, 354)	1
116	15W737	BRACKET, tension, die	1	339	124610	SENSOR, high temp, control	1
121	100015	NUT, hex mscr	4	343	16F655	PLUG, thermowell, ProMelt	1
123	100023	WASHER, flat	17	351	125112	SCREW, cap, btn HD, 5/16 X 1	10
139	111192	SCREW, cap flang HD	25	353	108859	SCREW, shoulder, sch (24H624 only)	2
146	107257	SCREW, thd forming	37	355	101754	PLUG, pipe	1
153	123164	SCREW, sockethead, flat	4	365	24J573	KIT, repair, lid, Promelt (includes 63, 238, 84, 42, 15, 16, 40, 36, 123, 351, 333, 353, 123, 146)	1
154	120659	WASHER, flat	1				
155	116935	SCREW, cap, flnghd	2				
157	24J179	KIT, accessory, scraper, long (includes 158, 231)	1	422	17S349	SPACER, cover	1
158	24J356	BLADE, scraper (5 pk)	1	423	17S350	CABLE, lanyard	1
170	123154	HINGE, access door	1	424	17S351	ADAPTER, carabiner	1
173	121256	SCREW, shoulder, skt HD	1				
177	123099	LOCK, slide barrel	1				

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

Parts - ProMelt (Model 24H624)



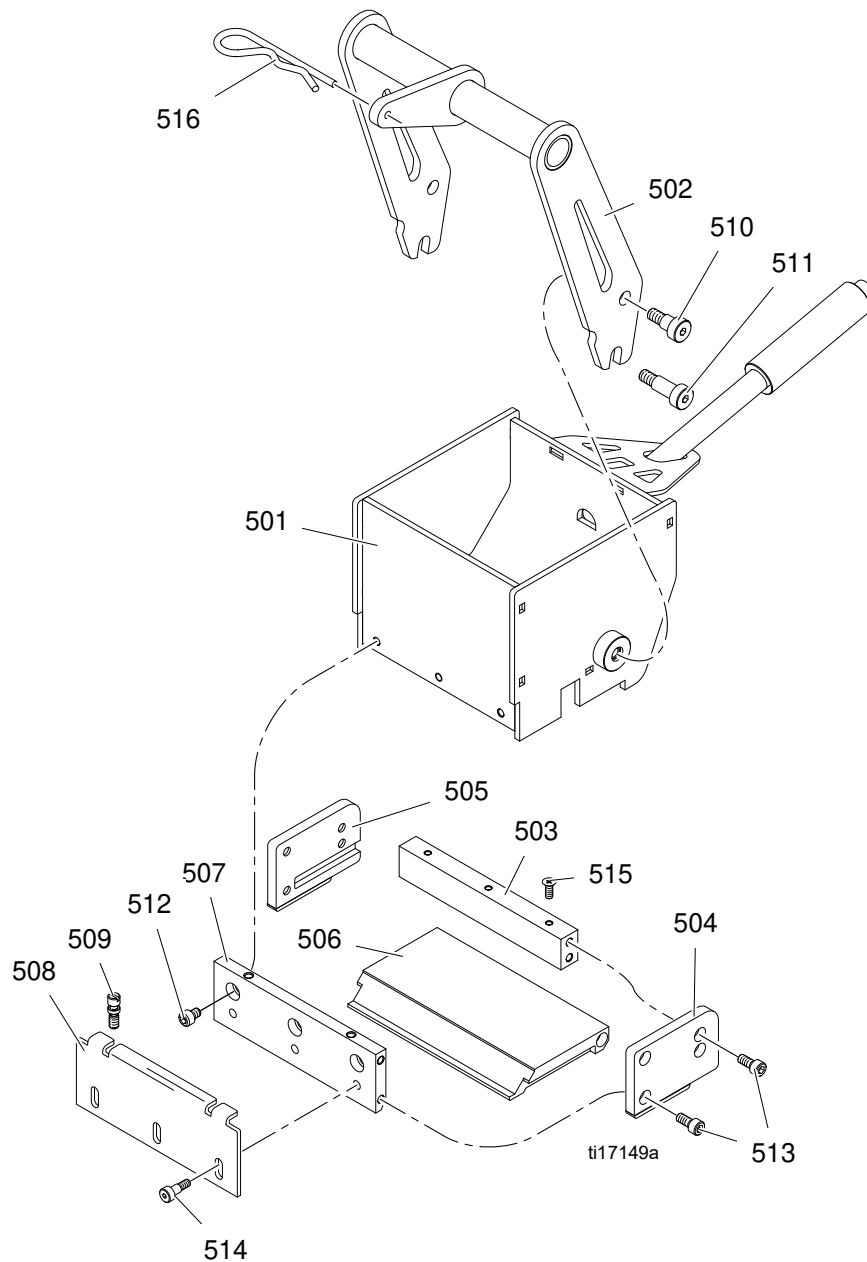
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Parts List - ProMelt (Model 24H624)

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
4	112960	SCREW, cap, flng HD	10	137	111045	SCREW, shoulder	4
14	24J579	KIT, repair, kettle, ProMelt (includes 344, 56, 345, 346, 145, 146, 137)	1	139	111192	SCREW, cap flang HD	25
37	112586	SCREW, cap, hex HD	14	146	107257	SCREW, thd forming	37
41	16C018	CLIP, holder, wire	1	154	120659	WASHER, falt	1
44	24F696	AGITATOR, ProMelt, wide	3	162	24J569	KIT, repair, temperature control, ProMelt (includes 41, 124)	1
45	24F697	AGITATOR, ProMelt, narrow	1	167	123199	SCREW, shoulder, socket head	3
55	24J586	KIT, repair, frame	1	168	123200	ROD, ball joint, end	2
57	15W443	SHAFT, pivot, agitator	2	175	117779	SCREW, hex head, flanged	6
58	24J583	KIT, repair, mount, ProMelt, left (includes 233, 247)	1	233▲	16D646	LABEL, ISO, hot surface	5
61	15W447	AGITATOR, arm	1	247	16H074	LABEL, ThermoLazer ProMelt	1
82	112405	NUT, lock	5	321	123385	PIN, cotter, hairpin	2
97	111040	NUT, lock, insert, nylock, 5/16	23	338	16H584	FENDER, ProMelt	2
106	198891	BRACKET	1	344	16F656	SHIELD, kettle, bottom, ProMelt	1
107	198930	ROD, brake	1	345	24J571	KIT, repair, baffle, kettle (includes 346, 137)	1
108	198931	BEARING	1	346	16F658	BAFFLE, heat, insulated, ProMelt	1
110	195134	SPACER, ball, guide	2	347	24F699	SHAFT, agitator, ProMelt	1
111	113961	SCREW, cap, hex HD	1	348	16F728	FITTING, arm mount agitator	2
113	16F729	ROD, threaded, ProMelt	1	349	16F645	HANDLE, agitator, ProMelt	1
114	114659	GRIP, handle	5	352	124628	SCREW, shoulder, sch	1
124	100681	NUT, jam, hex	1	▲ Replacement safety labels, tags, and cards are available at no cost.			
129	100111	NUT	2				
131	114104	SCREW, mach, hex wash HD	10				

Parts - SmartDie II Box

17A173	2 in. (5 cm)
24H431	3 in. (8 cm)
24H426	4 in. (10 cm)
17J250	4.75 in. (12 cm)
24H432	5 in. (13 cm)
24H427	6 in. (15 cm)
24H433	7 in. (18 cm)
24H428	8 in. (20 cm)
24H434	9 in. (22.5 cm)
24H429	10 in. (25 cm)
24H430	12 in. (30 cm)
17A174	16 in. (40 cm)
26D111	18 in. (45 cm)

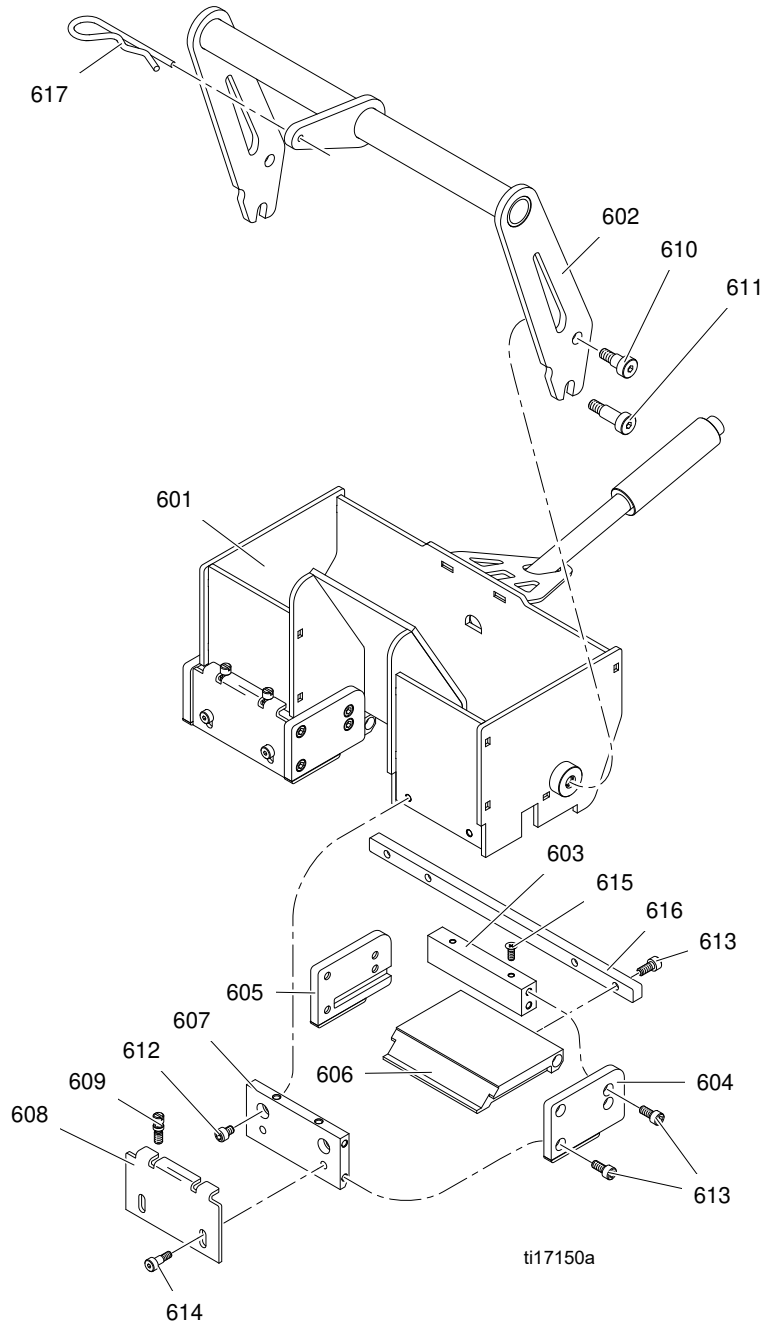


Parts List - SmartDie II Box

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
19	104541	NUT, lock (26D111) (not shown)	2	16H015	BAR, shear (24H427)	1	
20	867539	SCREW, 5/16-18 x 3.75 hx (26D111) (not shown)	2	16H021	BAR, shear (24H433)	1	
21	26D563	BRACKET, smart die (26D111) (not shown)	1	16H016	BAR, shear (24H428)	1	
501	24H565	BOX, die, weldment (17A173)	1	16H022	BAR, shear (24H434)	1	
	24H562	BOX, die, weldment (24H431)	1	16H017	BAR, shear (24H429)	1	
	24H563	BOX, die, weldment (24H426)	1	16H018	BAR, shear (24H430)	1	
	17J251	BOX, die, weldment (17J250)	1	17A185	BAR, shear (17A174)	1	
	24H564	BOX, die, weldment (24H432)	1	18F296	BAR, shear (26D111)	1	
	24H565	BOX, die, weldment (24H427)	1	507	16H025	BAR, shear, stop (17A173)	1
	24H566	BOX, die, weldment (24H433)	1		16H029	BAR, shear, stop (24H431)	1
	24H567	BOX, die, weldment (24H428)	1		16H024	BAR, shear, stop (24H426)	1
	24H568	BOX, die, weldment (24H434)	1		17J263	BAR, shear, stop (17J250)	1
	24H569	BOX, die, weldment (24H429)	1		16H030	BAR, shear, stop (24H432)	1
	24H570	BOX, die, weldment (24H430)	1		16H025	BAR, shear, stop (24H427)	1
	17A176	BOX, die, weldment (17A174)	1		16H031	BAR, shear, stop (24H433)	1
	26D124	BOX, die, weldment (26D111)	1		16H026	BAR, shear, stop (24H428)	1
502	24H574	YOKE, weldment (17A173)	1		16H032	BAR, shear, stop (24H434)	1
	24H571	YOKE, weldment (24H431)	1		16H027	BAR, shear, stop (24H429)	1
	24H572	YOKE, weldment (24H426)	1		16H028	BAR, shear, stop (24H430)	1
	17J256	YOKE, weldment (17J250)	1		17A187	BAR, shear, stop (17A184)	1
	24H573	YOKE, weldment (24H432)	1	508	18F295	BAR, shear, stop (26D111)	1
	24H574	YOKE, weldment (24H427)	1		17A188	PLATE, screed, adjustable (17A173)	1
	24H575	YOKE, weldment (24H433)	1		16H033	PLATE, screed, adjustable (24H431)	1
	24H576	YOKE, weldment (24H428)	1		16H034	PLATE, screed, adjustable (24H426)	1
	24H577	YOKE, weldment (24H434)	1		17J264	PLATE, screed, adjustable (17J250)	1
	24H578	YOKE, weldment (24H429)	1		16H035	PLATE, screed, adjustable (24H432)	1
	24H579	YOKE, weldment (24H430)	1		16H036	PLATE, screed, adjustable (24H427)	1
	17A179	YOKE, weldment (17A174)	1		16H037	PLATE, screed, adjustable (24H433)	1
	26D125	YOKE, weldment (26D111)	1		16H038	PLATE, screed, adjustable (24H428)	1
503	16G996	BAR, support (17A173)	1		16H039	PLATE, screed, adjustable (24H434)	1
	16H001	BAR, support (24H431)	1		16H040	PLATE, screed, adjustable (24H429)	1
	16G995	BAR, support (24H426)	1		16H041	PLATE, screed, adjustable (24H430)	1
	17J260	BAR, support (17J250)	1		17A189	PLATE, screed, adjustable (17A184)	1
	16H006	BAR, support (24H432)	1		18F297	PLATE, screed, adjustable (26D111)	1
	16G996	BAR, support (24H427)	1	509	16H044	SCREW, adjustment, screed	2
	16H007	BAR, support (24H433)	1	510	125028	SCREW, shoulder, socket head M8	2
	16G997	BAR, support (24H428)	1	511	125027	SCREW, shoulder, socket head M8	2
	16H008	BAR, support (24H434)	1	512	110501	SCREW, cap sch, M6 x 8	7
	16G998	BAR, support (24H429)	1			(24H431,24H426, 24H432, 24H427, 24H433 ,24H428, 24H434, 24H429, 24H430, 26D111)	
	16G999	BAR, support (24H430)	1	513	121518	SCREW, cap, shc	8
	17A183	BAR, support (17A174)	1	514	125029	SCREW, shoulder, socket head M5	5
	18F282	BAR, support (26D111)	1			(24H431,24H426, 24H432, 24H427, 24H433 ,24H428, 24H434, 24H429, 24H430, 26D111)	
504	24H581	PLATE, die runner, right	1	515	123340	SCREW, mach, flat head, undercut	6
505	24H580	PLATE, die runner, left	1			(24H431,24H426, 24H432, 24H427, 24H433 ,24H428, 24H434, 24H429, 24H430, 26D111)	
506	17A184	BAR, shear (17A173)	1	516	123385	PIN	1
	16H019	BAR, shear (24H431)	1				
	16H014	BAR, shear (24H426)	1				
	17J262	BAR, shear (17J250)	1				
	16H020	BAR, shear (24H432)	1				

Parts - Double Line Die Box

24H435	4-3-4 in. (10-8-10 cm)
24H436	4-4-4 in. (10-10-10 cm)
24H437	3-3-3 in. (8-8-8 cm)
24J785	4-6-4 in. (10-15-10 cm)
17R378	5-5-5 in. (13-13-13 cm)
26C273	6-3-6 in. (15-8-15 cm)



Parts List - Double Line Die Box

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
601	24H647	BOX, die, weldment (24H435)	1		16H036	PLATE, screed, adjustable (26C273)	2
	24H648	BOX, die, weldment (24H436)	1	609	16H044	SCREW, adjustment, screed	4
	24H649	BOX, die, weldment (24H437)	1	610	125028	SCREW, shoulder, socket head M8	4
	24J784	BOX, die, weldment (24J785)	1	611	125027	SCREW, shoulder, socket head M8	4
	17R379	BOX, die, weldment (17R378)	1	612	110501	SCREW, cap, sch M6 x 8	4
	26C274	BOX, die, weldment (26C273)	1			SCREW, cap, sch M6 x 8 (17R378)	6
602	24H652	YOKE, weldment (24H435)	1			SCREW, cap, sch M6 x 8 (26C273)	6
	24H579	YOKE, weldment (24H436)	1	613	121518	SCREW, cap, shc	20
	24H577	YOKE, weldment (24H437)	1	614	125029	SCREW, shoulder, socket head M5	4
	24J783	YOKE, weldment (24J785)	1			SCREW, shoulder, socket head M5 (17R378)	6
	17R382	YOKE, weldment (17R378)	1			SCREW, shoulder, socket head M5 (26C273)	6
		YOKE, weldment (26C273)	1	615	123340	SCREW, mach, flat head, undercut	4
603	16G995	BAR, support (24H435, 24H436, 24J785)	1			SCREW, mach, flat head, undercut (17R378)	6
	16H001	BAR, support (24H437)	1			SCREW, mach, flat head, undercut (26C273)	6
	16H006	BAR, support (17R378)	1	616	16H189	GUIDE, bar, shear, double (24H435)	1
	16G996	BAR, support (26C273)	1		16H161	GUIDE, bar, shear, double (24H436)	1
604	24H581	PLATE, die runner, right	2		16H162	GUIDE, bar, shear, double (24H437)	1
605	24H580	PLATE, die runner, left	2		16J802	GUIDE, bar, shear, double (24J785)	1
606	16H159	BAR, shear, die, double (24H435, 24H436, 24J785)	2		17R385	GUIDE, bar, shear, double (17R378)	1
	16H160	BAR, shear, die, double (24H437)	2		17W534	GUIDE, bar, shear, double (26C273)	1
	17R384	BAR, shear, die, double (17R378)	2	617	123385	PIN	1
	17A211	BAR, shear, die, double (26C273)	2				
607	16H024	BAR, shear, stop (24H435, 24H436, 24J785)	2				
	16H029	BAR, shear, stop (24H437)	2				
	16H030	BAR, shear, stop (17R378)	2				
	16H025	BAR, shear, stop (26C273)	2				
608	16H034	PLATE, screed, adjustable (24H435, 24H436, 24J785)	2				
	16H041	PLATE, screed, adjustable (24H437)	2				
	16H035	PLATE, screed, adjustable (17R378)	2				

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