

## ThermoLazer™ and ThermoLazer™ ProMelt™ Pavement Marking Systems

3A1321B

EN

**- 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. Save these instructions.

US Patent No. D619,625.5 and other patents pending

For use with the following

SmartDie II™ Screed Box:

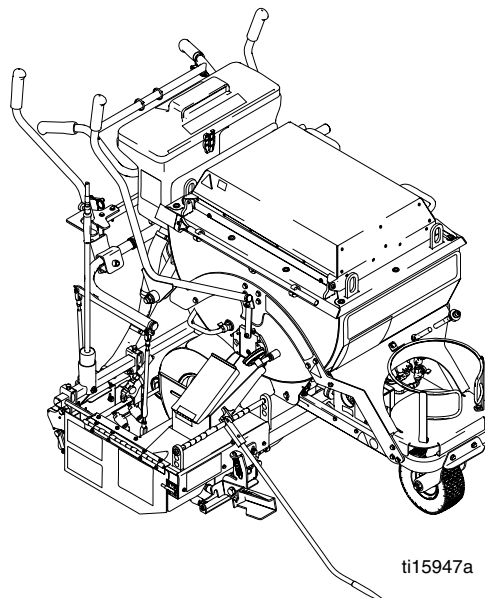
| Part   | Description             |
|--------|-------------------------|
| 24H431 | 3 in. (8 cm)            |
| 24H426 | 4 in. (10 cm)           |
| 24H432 | 5 in. (12 cm)           |
| 24H427 | 6 in. (15 cm)           |
| 24H433 | 7 in. (18 cm)           |
| 24H428 | 8 in. (20 cm)           |
| 24H434 | 9 in. (22.5 cm)         |
| 24H429 | 10 in. (25 cm)          |
| 24H430 | 12 in. (30 cm)          |
| 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. (10-17-10 cm) |

24C528 Kit, Double Bead Box

### Related Manuals:

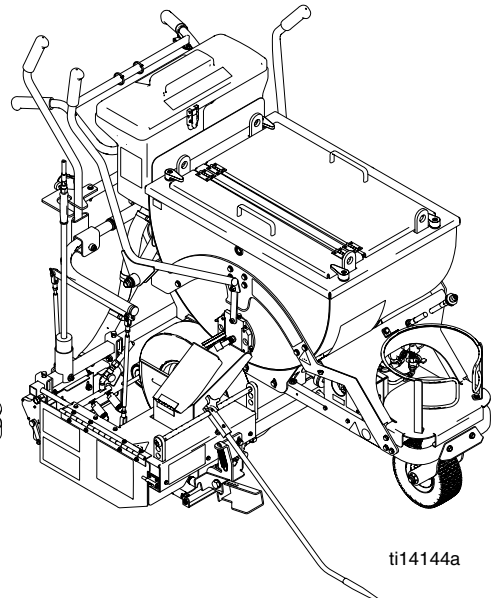
|                 |        |
|-----------------|--------|
| Operation       | 3A1319 |
| Repair          | 3A1320 |
| Double Bead Box | 3A0004 |
| SmartDie II     | 3A1738 |

ThermoLazer ProMelt 24H624, 24H626



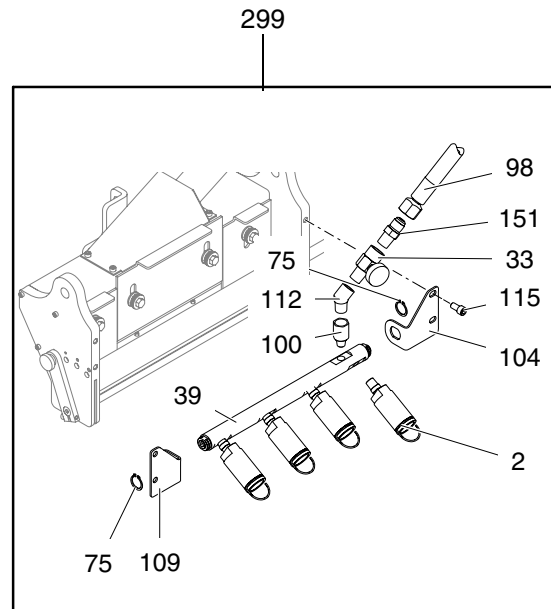
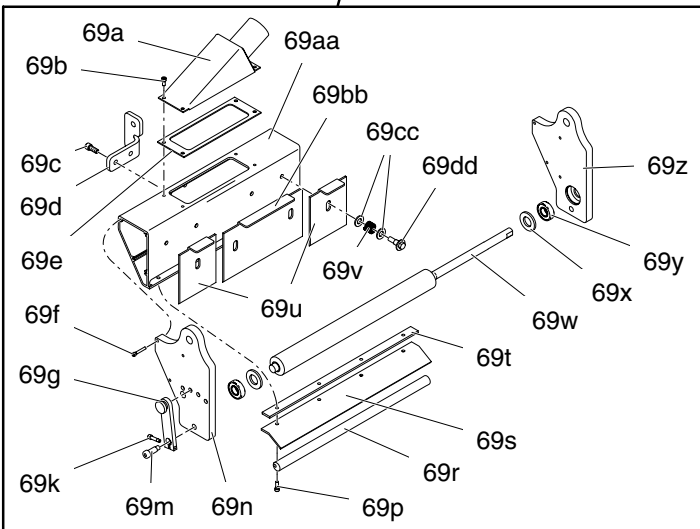
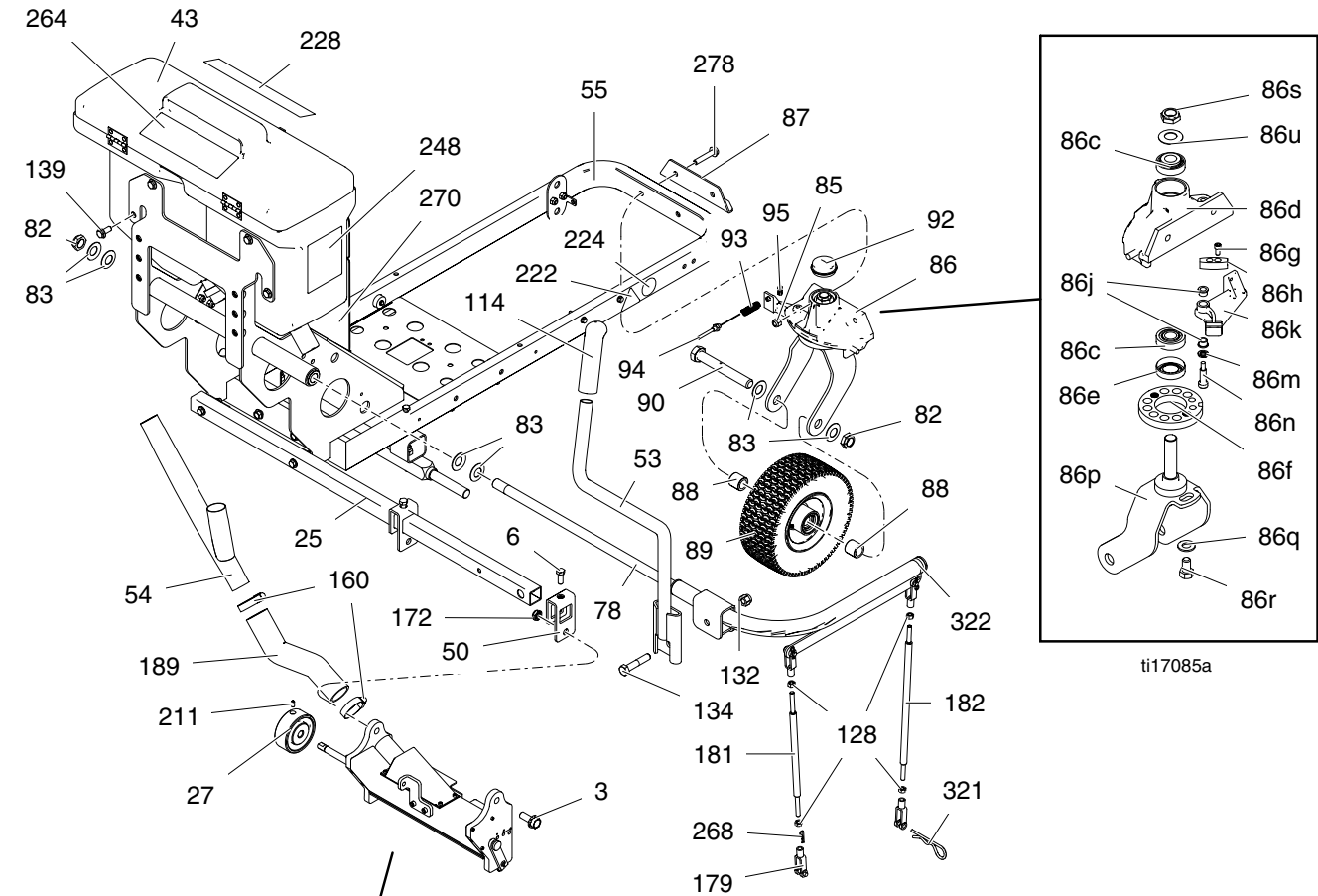
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ThermoLazer 24H622, 24H625



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# Parts - ProMelt (Models 24H624, 24H626)



24H624 Only

## Parts List - ProMelt (Models 24H624, 24H626)

| Ref. | Part   | Description                                               | Qty. | Ref.                                                                                  | Part   | Description                                                                                             | Qty. |
|------|--------|-----------------------------------------------------------|------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------|------|
| 3    | 111195 | SCREW, cap, flng HD                                       | 2    | 86s                                                                                   | 112405 | NUT, lock                                                                                               | 1    |
| 6    | 100101 | SCREW, cap, hex HD                                        | 2    | 86u                                                                                   | 112825 | SPRING, belleville                                                                                      | 2    |
| 25   | 15X377 | TUBE, support, beadbox                                    | 1    | 87                                                                                    | 240991 | BRACKET, caster, front                                                                                  | 1    |
| 27   | 15X765 | WHEEL, drive, bead                                        | 1    | 88                                                                                    | 193658 | NUT, seal                                                                                               | 2    |
| 33   | 125064 | VALVE, needle, gas, 1/4 npt                               | 2    | 89                                                                                    | 114549 | WHEEL, pneumatic                                                                                        | 1    |
| 39   | 24J578 | KIT, repair, manifold, rear                               | 1    | 90                                                                                    | 113471 | SCREW, cap, hex HD                                                                                      | 1    |
| 43   | 24E483 | KIT, replacement, bead hopper<br>(includes 228, 248, 264) | 1    | 92                                                                                    | 114648 | CAP, dust                                                                                               | 3    |
| 50   | 257399 | CLAMP, beadbox                                            | 2    | 93                                                                                    | 114682 | SPRING, compression                                                                                     | 1    |
| 53   | 257455 | HANDLE, lift, die/bead dispenser                          | 1    | 94                                                                                    | 241445 | KIT, cable                                                                                              | 1    |
| 54   | 257617 | CONNECTOR, bead box hose                                  | 1    | 95                                                                                    | 114802 | STOP, wire                                                                                              | 1    |
| 55   | 24J586 | KIT, repair, frame,<br>(includes 222, 224)                | 1    | 98                                                                                    | 16H129 | HOSE, torch, rear                                                                                       | 1    |
| 69a  | 257378 | MANIFOLD, assembly                                        | 1    | 100                                                                                   | 159840 | ADAPTER                                                                                                 | 1    |
| 69b  | 112788 | SCREW, cap, sockethead                                    | 4    | 104                                                                                   | 16H192 | BRACKET, support, manifold, rear,<br>left                                                               | 1    |
| 69c  | 121112 | SCREW, cap, sockethead                                    | 2    | 109                                                                                   | 16H107 | BRACKET, support, manifold, rear,<br>right                                                              | 1    |
| 69d  | 15X376 | BRACKET, beadbox, linkage                                 | 1    | 112                                                                                   | 113444 | FITTING, elbow street, 45 DX 1/4<br>npt                                                                 | 1    |
| 69e  | 16A243 | GASKET, foam                                              | 1    | 114                                                                                   | 114659 | GRIP, handle                                                                                            | 5    |
| 69f  | 110631 | SCREW, sockethead                                         | 8    | 115                                                                                   | 101550 | SCREW, cap, sch                                                                                         | 4    |
| 69g  | 24J866 | HANDLE, adjuster, bead                                    | 1    | 128                                                                                   | 100187 | NUT                                                                                                     | 4    |
| 69k  | 295709 | SCREW, cap, sockethead                                    | 1    | 132                                                                                   | 101580 | NUT, lock                                                                                               | 1    |
| 69m  | 123481 | SCREW, shoulder, screw, 1/4-20                            | 2    | 134                                                                                   | 114766 | BOLT, cap hex head                                                                                      | 1    |
| 69n  | 16H292 | BRACKET, right, bead dispenser                            | 1    | 139                                                                                   | 111192 | SCREW, cap flang HD                                                                                     | 25   |
| 69p  | 112310 | SCREW, cap, sch                                           | 4    | 151                                                                                   | 118484 | FITTING, connector                                                                                      | 3    |
| 69r  | 15X281 | ADJUSTER                                                  | 1    | 160                                                                                   | 116789 | CLAMP, hose                                                                                             | 6    |
| 69s  | 15X274 | GATE, poly                                                | 1    | 172                                                                                   | 119547 | NUT, hex, lock, nylon, thin                                                                             | 2    |
| 69t  | 15X275 | GATE, bar                                                 | 1    | 179                                                                                   | 15V415 | CLEVIS                                                                                                  | 4    |
| 69u  | 15X273 | PLATE, slide                                              | 2    | 181                                                                                   | 16A041 | SHAFT, threaded                                                                                         | 1    |
| 69v  | 114708 | SPRING, compression                                       | 4    | 182                                                                                   | 16H291 | SHAFT, threaded                                                                                         | 1    |
| 69w  | 24C672 | SHAFT, bead assembly kit                                  | 1    | 189                                                                                   | 16A100 | HOSE, bead                                                                                              | 3    |
| 69x  | 114797 | GASKET                                                    | 2    | 211                                                                                   | 100664 | SCREW, set, sch                                                                                         | 1    |
| 69y  | 123304 | BEARING, double sealed                                    | 2    | 222▲                                                                                  | 16A274 | LABEL, ISO explosion                                                                                    | 1    |
| 69z  | 16H293 | BRACKET, left, bead dispenser                             | 1    | 224                                                                                   | 15Y963 | LABEL, kettle burners lighting                                                                          | 1    |
| 69aa | 15X272 | HOUSING, dispenser                                        | 1    | 228▲                                                                                  | 16A276 | LABEL, ISO symbols warn & instru                                                                        | 1    |
| 69bb | 16A252 | PLATE, slide, middle                                      | 1    | 248                                                                                   | 16E335 | LABEL, brand, Graco                                                                                     | 2    |
| 69cc | 104034 | WASHER, plain                                             | 8    | 264▲                                                                                  | 15Y966 | LABEL, fire and explosion                                                                               | 1    |
| 69dd | 119872 | SCREW, shoulder                                           | 4    | 268                                                                                   | 120592 | PIN, cotter, hairpin                                                                                    | 3    |
| 75   | 113958 | RING, retaining, external                                 | 3    | 270                                                                                   | 16F660 | SHIELD, heat, rear, ProMelt                                                                             | 1    |
| 78   | 15W873 | ARM, die/bead dispenser                                   | 1    | 278                                                                                   | 114982 | SCREW, cap, flng HD                                                                                     | 6    |
| 82   | 112405 | NUT, lock                                                 | 6    | 299                                                                                   | 24H619 | KIT, accessory, rear torch<br>(includes 2, 98, 151, 33, 115, 104,<br>70, 60, 67, 109, 75, 39, 100, 112) | 1    |
| 83   | 112825 | SPRING, belleville                                        | 10   | 321                                                                                   | 123385 | PIN, cotter, hairpin                                                                                    | 2    |
| 85   | 101566 | NUT, lock                                                 | 7    | 322                                                                                   | 112853 | PLUG, tubing                                                                                            | 1    |
| 86   | 24H246 | CASTER, ProMelt, blue                                     | 1    | ▲ Replacement Danger and Warning labels, tags, and<br>cards are available at no cost. |        |                                                                                                         |      |
| 86c  | 113485 | BEARING, cup/cone                                         | 2    |                                                                                       |        |                                                                                                         |      |
| 86d  | 15G952 | CASTER, machine                                           | 1    |                                                                                       |        |                                                                                                         |      |
| 86e  | 113484 | SEAL, grease                                              | 1    |                                                                                       |        |                                                                                                         |      |
| 86f  | 198606 | DISK, adjuster                                            | 1    |                                                                                       |        |                                                                                                         |      |
| 86g  | 110754 | SCREW, cap, sch                                           | 2    |                                                                                       |        |                                                                                                         |      |
| 86h  | 193662 | STOP, wedge                                               | 1    |                                                                                       |        |                                                                                                         |      |
| 86j  | 114548 | BEARING, bronze                                           | 2    |                                                                                       |        |                                                                                                         |      |
| 86k  | 193528 | ARM, detent                                               | 1    |                                                                                       |        |                                                                                                         |      |
| 86m  | 15J603 | SPACER, round, .625 in.                                   | 1    |                                                                                       |        |                                                                                                         |      |
| 86n  | 120476 | BOLT, shoulder, 5/16                                      | 1    |                                                                                       |        |                                                                                                         |      |
| 86p  | 240942 | SHAFT, fork                                               | 1    |                                                                                       |        |                                                                                                         |      |
| 86q  | 113962 | WASHER, hardened, SAE                                     | 1    |                                                                                       |        |                                                                                                         |      |
| 86r  | 114681 | SCREW, cap, hex HD                                        | 1    |                                                                                       |        |                                                                                                         |      |



## Parts List - ProMelt (Models 24H624, 24H626)

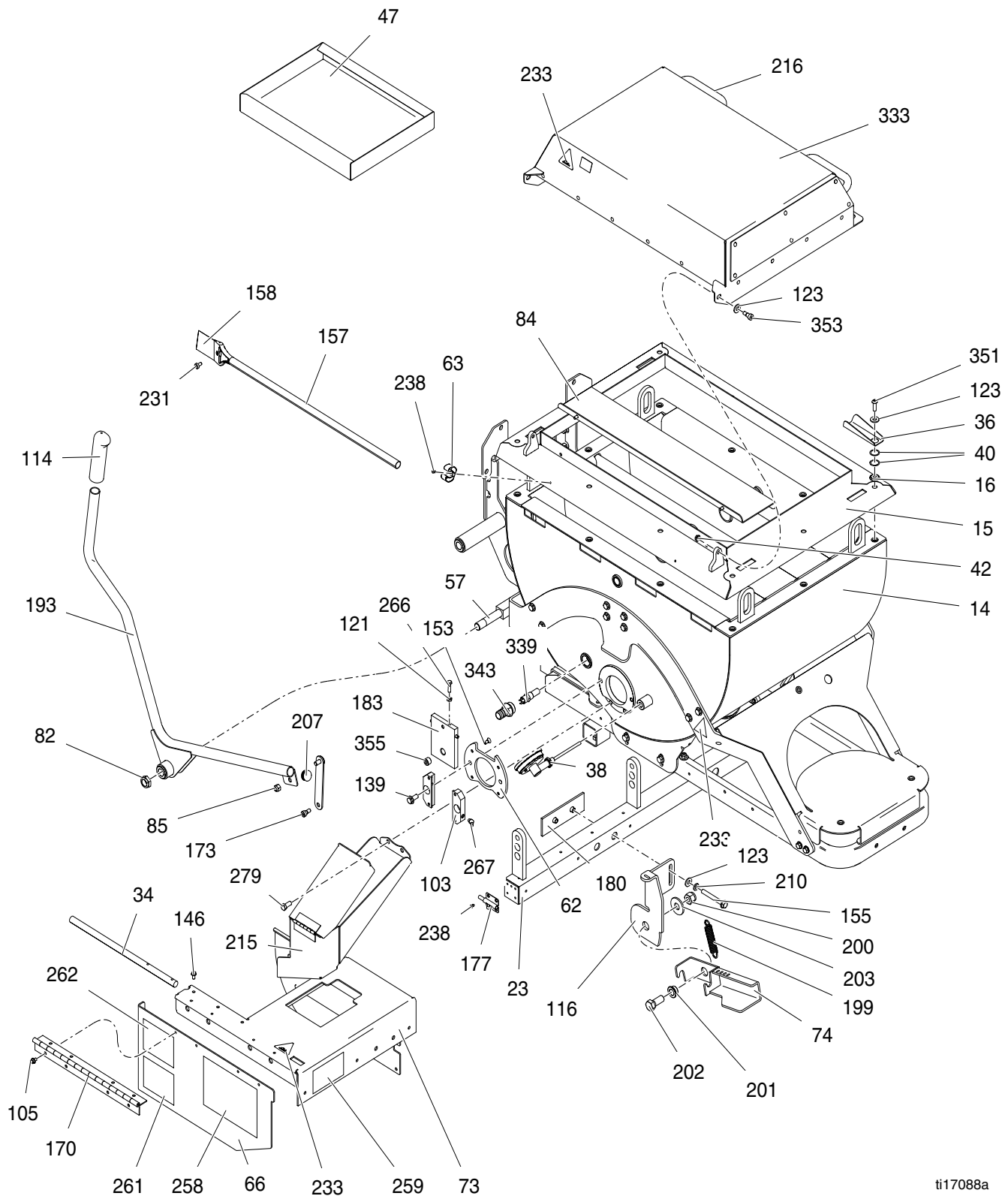
| Ref. | Part   | Description                                                       | Qty.        | Ref.                                                                               | Part   | Description                         | Qty. |
|------|--------|-------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------|-------------------------------------|------|
| 1    | 24C394 | KIT, replacement, burner                                          | 2           | 146                                                                                | 107257 | SCREW, thd forming                  | 40   |
| 2    | 24J570 | KIT, repair, torch head, die<br>(includes 67)<br>24H624<br>24H626 | 1<br>7<br>3 | 148                                                                                | 122667 | SCREW, drill, hex washer head       | 3    |
|      |        |                                                                   |             | 149                                                                                | 118458 | FITTING, elbow, male                | 1    |
|      |        |                                                                   |             | 151                                                                                | 118484 | FITTING, connector                  | 3    |
|      |        |                                                                   |             | 152                                                                                | 125187 | REGULATOR, LP gas, 18 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   | 124944 | REGULATOR, LP gas, 5 psi                                          | 1           | 165                                                                                | 123158 | FITTING, flared, 3/8 tube, tee      | 1    |
|      | 122947 | REGULATOR                                                         | 1           | 166                                                                                | 125241 | FITTING, flared, 1/8 npt x 90 elbow | 2    |
| 11   | 24J574 | KIT, repair, pilot, ProMelt<br>(includes 130)                     | 1           | 171                                                                                | 123160 | FITTING, flared, 1/4 tube, coupling | 1    |
|      |        |                                                                   |             | 186                                                                                | 16F282 | TUBE, formed, gas                   | 1    |
| 12   | 185281 | TEE, male                                                         | 2           | 208                                                                                | 110755 | WASHER, plain                       | 2    |
| 13   | 16F638 | KIT, repair, valve, gas, ProMelt                                  | 1           | 217                                                                                | 125140 | ELECTRODE                           | 1    |
| 17   | 106228 | FITTING, tee, street                                              | 1           | 220                                                                                | 111235 | SCREW, mach, pnh                    | 3    |
| 18   | 16J484 | PLATE, mount, burner                                              | 1           | 221                                                                                | 116610 | SCREW, mach, phil, pan, #10         | 9    |
| 20   | 16H105 | BRACKET, support, burner, front                                   | 1           | 225                                                                                | 100020 | WASHER, lock                        | 2    |
| 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 surfaces            | 5    |
| 29   | 16F642 | COVER, enclosure, valve box                                       | 1           | 259                                                                                | 16J470 | LABEL, front burner lighting        | 1    |
| 30   | 16A708 | BLOCK, spacer, gas valve                                          | 1           | 280                                                                                | 16J865 | PLATE, skid, torch, protector       | 1    |
| 32   | 118482 | FITTING, elbow, 45                                                | 2           | 281                                                                                | 24J403 | LABEL, ProMelt, regulator           | 1    |
| 33   | 125064 | VALVE, needle, gas, 1/4 npt                                       | 2           | 282                                                                                | 24J404 | LABEL, ProMelt, regulator           | 1    |
| 34   | 15Y339 | ROD, support, die                                                 | 1           | 317                                                                                | 24J589 | KIT, repair, sleeve, heat, 1/4      | 1    |
| 35   | 125063 | FITTING, flared, 1/4 pipe, adapter                                | 1           | 319                                                                                | 16C332 | BRACKET                             | 1    |
| 48   | 16H128 | TUBE, formed, gas                                                 | 1           | 320                                                                                | 16C333 | DOOR                                | 1    |
| 49   | 16J687 | TUBE, formed, gas, pilot                                          | 1           | 340                                                                                | 24J590 | KIT, repair, sleeve, heat, 3/8      | 1    |
| 52   | 16H106 | BRACKET, support, manifold, front                                 | 1           | 357                                                                                | 120975 | BUSHING, strain relief              | 1    |
| 55   | 24J586 | KIT, repair, frame<br>(includes 281, 282)                         | 1           | ▲ Replacement Danger and Warning labels, tags, and cards are available at no cost. |        |                                     |      |
| 64   | 156971 | FITTING, nipple, short                                            | 1           |                                                                                    |        |                                     |      |
| 67   | 16H104 | INDICATOR, burner<br>24H624<br>24H626                             | 7<br>3      |                                                                                    |        |                                     |      |
| 69   | 24J577 | KIT, repair, manifold, front                                      | 1           |                                                                                    |        |                                     |      |
| 71   | 24J572 | KIT, repair, pilot, tube                                          | 1           |                                                                                    |        |                                     |      |
| 73   | 24J587 | KIT, repair, shroud, die<br>(includes 233, 259)                   | 1           |                                                                                    |        |                                     |      |
| 75   | 113958 | RING, retaining, external                                         | 3           |                                                                                    |        |                                     |      |
| 76   | 16J486 | TUBE, formed, gas                                                 | 1           |                                                                                    |        |                                     |      |
| 98   | 125085 | FITTING, cap, 3/8 tube x 45°<br>(24H626 only)                     | 1           |                                                                                    |        |                                     |      |
| 99   | 123086 | ADAPTER, polswivel with<br>handwheel                              | 1           |                                                                                    |        |                                     |      |
| 102  | 104641 | FITTING, bulkhead                                                 | 2           |                                                                                    |        |                                     |      |
| 105  | 112798 | SCREW, thread forming, hex HD                                     | 14          |                                                                                    |        |                                     |      |
| 117  | 16A061 | TUBE, formed, gas, Thermolazer                                    | 3           |                                                                                    |        |                                     |      |
| 118  | 16A058 | TUBE, formed, gas, Thermolazer                                    | 1           |                                                                                    |        |                                     |      |
| 120  | 100016 | WASHER, lock                                                      | 2           |                                                                                    |        |                                     |      |
| 121  | 100015 | NUT, hex mscr                                                     | 4           |                                                                                    |        |                                     |      |
| 126  | 123085 | CONTROL, igniter, pulse                                           | 1           |                                                                                    |        |                                     |      |
| 130  | 125324 | FITTING, inlet, pilot                                             | 1           |                                                                                    |        |                                     |      |
| 131  | 114104 | SCREW, mach, hex wash HD                                          | 10          |                                                                                    |        |                                     |      |
| 135  | 123162 | FITTING, flared, 1/8 pipe, adapter                                | 1           |                                                                                    |        |                                     |      |
| 142  | 110249 | ADAPTER, male elbow 90 degr                                       | 2           |                                                                                    |        |                                     |      |



## Parts List - ProMelt (Models 24H624, 24H626)

| Ref. | Part   | Description                                            | Qty. | Ref.                                                                               | Part   | Description                                         | Qty. |
|------|--------|--------------------------------------------------------|------|------------------------------------------------------------------------------------|--------|-----------------------------------------------------|------|
| 4    | 112960 | SCREW, cap, flng HD                                    | 10   | 224                                                                                | 15Y963 | LABEL, kettle burners, lighting                     | 1    |
| 5    | 102040 | NUT, lock, hex                                         | 2    | 233▲                                                                               | 16D646 | LABEL, ISO, hot surface                             | 5    |
| 19   | 24F693 | BRACKET, handle, mount                                 | 1    | 245                                                                                | 16H076 | LABEL, brand, ThermoLazer                           | 1    |
| 21   | 24F694 | HOLDER, tank, propane                                  | 1    |                                                                                    |        | ProMelt front                                       |      |
| 22   | 16F641 | BRACKET, support, tank, propane                        | 1    | 247                                                                                | 16H075 | LABEL, brand, ThermoLazer                           | 1    |
| 23   | 15W735 | ARM, chamber, die                                      | 1    |                                                                                    |        | ProMelt right                                       |      |
| 25   | 15X377 | TUBE, support, beadbox                                 | 1    | 260                                                                                | 100131 | NUT, full hex                                       | 1    |
| 26   | 16A481 | BAR, mount, indicator, line                            | 1    | 265                                                                                | 15Y964 | LABEL, kettle lighting instruction                  | 1    |
| 31   | 110385 | SCREW, cap, hex HD (5/16x3)                            | 2    | 270                                                                                | 16F660 | SHIELD, heat, rear, Promelt                         | 1    |
| 37   | 112586 | SCREW, cap, hex HD                                     | 14   | 275                                                                                | 16A873 | LABEL, temperature control F & C                    | 1    |
| 46   | 102637 | SCREW, cap                                             | 1    | 277                                                                                | 119563 | WASHER, belleville                                  | 1    |
| 51   | 24C232 | INDICATOR, line, thermolazer                           | 1    | 278                                                                                | 114982 | SCREW, cap, flng HD                                 | 6    |
| 55   | 24J586 | KIT, repair, frame (includes 222, 224)                 | 1    | 337                                                                                | 24J576 | KIT, repair, heat shield, front (includes 245, 265) | 1    |
| 57   | 15W443 | SHAFT, pivot, agitator                                 | 2    | 350                                                                                | 124655 | GROMMET, high temp                                  | 1    |
| 59   | 24J582 | KIT, repair, mount, ProMelt, right (includes 233, 247) | 1    | ▲ Replacement Danger and Warning labels, tags, and cards are available at no cost. |        |                                                     |      |
| 68   | 15W992 | BAR, handle                                            | 1    |                                                                                    |        |                                                     |      |
| 77   | 15X286 | TUBE, lock                                             | 1    |                                                                                    |        |                                                     |      |
| 79   | 15X287 | BRACKET, lock                                          | 1    |                                                                                    |        |                                                     |      |
| 80   | 193405 | AXLE                                                   | 1    |                                                                                    |        |                                                     |      |
| 81   | 111020 | WHEEL, pneumatic                                       | 2    |                                                                                    |        |                                                     |      |
| 82   | 112405 | NUT, lock                                              | 6    |                                                                                    |        |                                                     |      |
| 83   | 112825 | SPRING, belleville                                     | 10   |                                                                                    |        |                                                     |      |
| 85   | 101566 | NUT, lock                                              | 7    |                                                                                    |        |                                                     |      |
| 91   | 15F910 | BRACKET, cable                                         | 1    |                                                                                    |        |                                                     |      |
| 92   | 114648 | CAP, dust                                              | 3    |                                                                                    |        |                                                     |      |
| 94   | 241445 | KIT, repair, cable                                     | 1    |                                                                                    |        |                                                     |      |
| 97   | 111040 | NUT, lock, insert, nylock, 5/16                        | 23   |                                                                                    |        |                                                     |      |
| 105  | 112798 | SCREW                                                  | 14   |                                                                                    |        |                                                     |      |
| 110  | 195134 | SPACER, ball, guide                                    | 2    |                                                                                    |        |                                                     |      |
| 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    |                                                                                    |        |                                                     |      |
| 139  | 111192 | SCREW, cap flang HD                                    | 25   |                                                                                    |        |                                                     |      |
| 140  | 110384 | SCREW, cap, hex HD                                     | 2    |                                                                                    |        |                                                     |      |
| 141  | 113664 | SCREW, cap, hex HD                                     | 1    |                                                                                    |        |                                                     |      |
| 143  | 114653 | SCREW, cap, flange head                                | 2    |                                                                                    |        |                                                     |      |
| 146  | 107257 | SCREW, thd forming                                     | 37   |                                                                                    |        |                                                     |      |
| 156  | 119545 | BUSHING, strain, relief                                | 2    |                                                                                    |        |                                                     |      |
| 162  | 24J569 | KIT, repair, temp, control ProMelt (includes 275)      | 1    |                                                                                    |        |                                                     |      |
| 167  | 123199 | SCREW, shoulder, socket head                           | 3    |                                                                                    |        |                                                     |      |
| 174  | 121458 | TIE, lanyard                                           | 1    |                                                                                    |        |                                                     |      |
| 175  | 117779 | SCREW, hex head, flanged                               | 6    |                                                                                    |        |                                                     |      |
| 178  | 123186 | TOOL, spark lighter                                    | 1    |                                                                                    |        |                                                     |      |
| 190  | 170772 | WASHER, plain                                          | 2    |                                                                                    |        |                                                     |      |
| 192  | 194310 | LEVER, actuator                                        | 1    |                                                                                    |        |                                                     |      |
| 204  | 16H582 | TUBE, torch holder                                     | 1    |                                                                                    |        |                                                     |      |
| 205  | 15X993 | BOX, control                                           | 1    |                                                                                    |        |                                                     |      |
| 207  | 120151 | RETAINER, caplug                                       | 3    |                                                                                    |        |                                                     |      |
| 209  | 801012 | GROMMET                                                | 1    |                                                                                    |        |                                                     |      |
| 221  | 116610 | SCREW, mach, phil, pan, #10                            | 9    |                                                                                    |        |                                                     |      |
| 222▲ | 16A274 | LABEL, ISO, explosion                                  | 1    |                                                                                    |        |                                                     |      |

## Parts - ProMelt (Models 24H624, 24H626)



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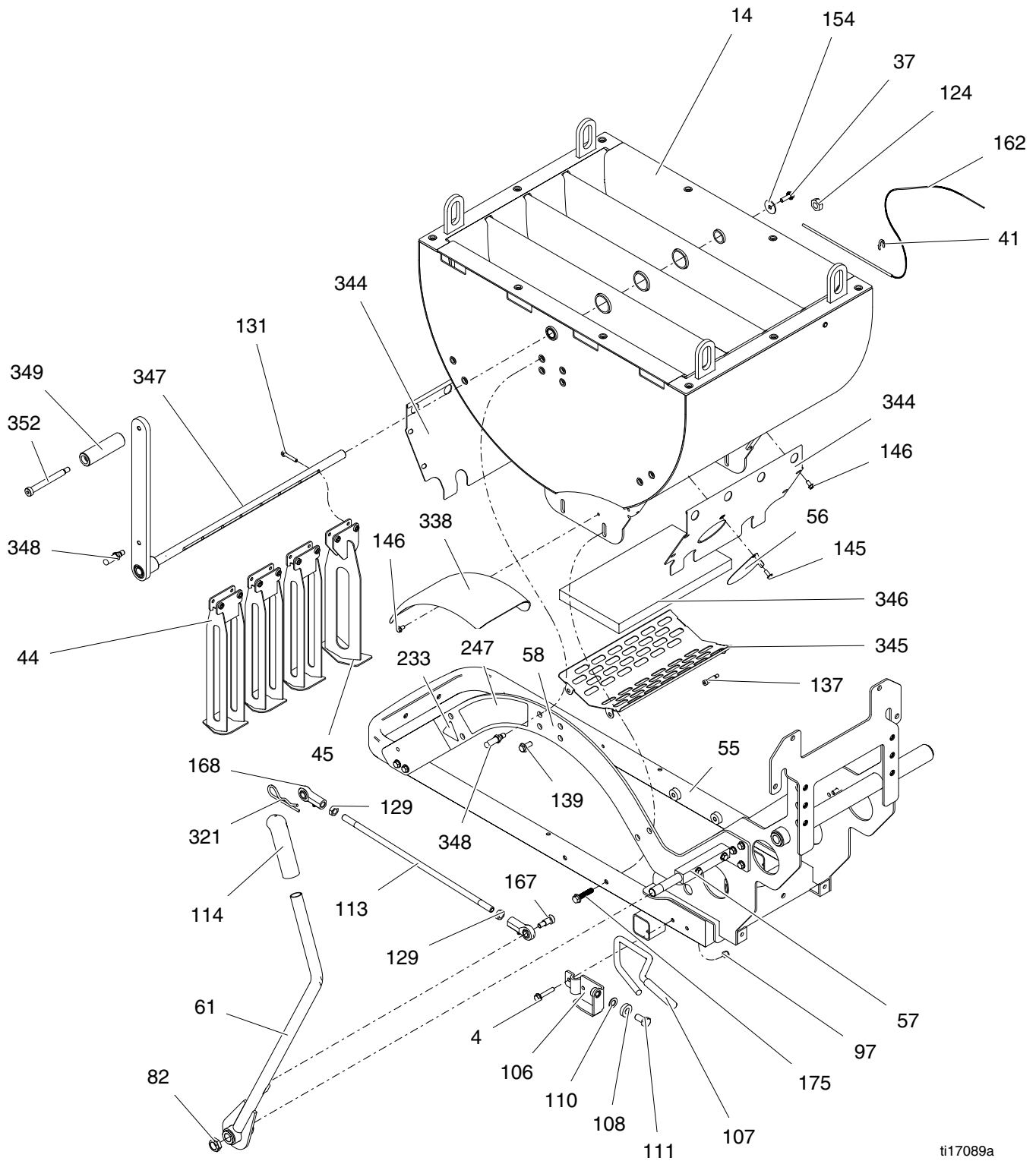


## Parts List - ProMelt (Models 24H624, 24H626)

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

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## Parts - ProMelt (Models 24H624, 24H626)

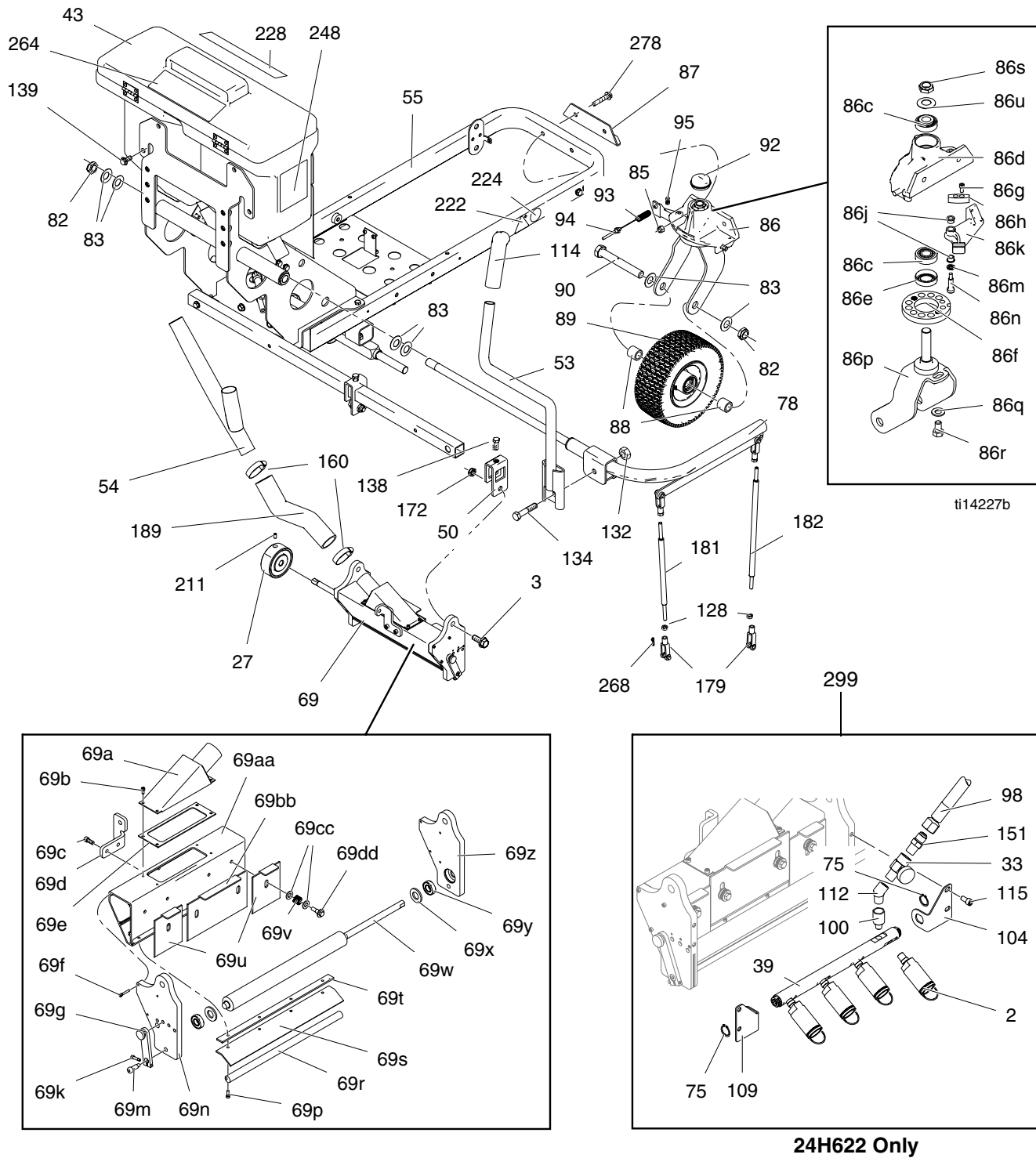


## Parts List - ProMelt (Models 24H624, 24H626)

| Ref. | Part    | Description                                                              | Qty. |
|------|---------|--------------------------------------------------------------------------|------|
| 4    | 112960  | SCREW, cap, flng HD                                                      | 10   |
| 14   | 24J579  | KIT, repair, kettle, ProMelt (includes 344, 56, 345, 346, 145, 146, 137) | 1    |
| 37   | 112586  | SCREW, cap, hex HD                                                       | 14   |
| 41   | 16C018  | CLIP, holder, wire                                                       | 1    |
| 44   | 24F696  | AGITATOR, ProMelt, wide                                                  | 3    |
| 45   | 24F697  | AGITATOR, ProMelt, narrow                                                | 1    |
| 55   | 24J586  | KIT, repair, frame                                                       | 1    |
| 56   | 15W440  | CHAMBER, heat, site, door                                                | 1    |
| 57   | 15W443  | SHAFT, pivot, agitator                                                   | 2    |
| 58   | 24J583' | KIT, repair, mount, ProMelt, left (includes 233, 247)                    | 1    |
| 61   | 15W447  | AGITATOR, arm                                                            | 1    |
| 82   | 112405  | NUT, lock                                                                | 5    |
| 97   | 111040  | NUT, lock, insert, nylock, 5/16                                          | 23   |
| 106  | 198891  | BRACKET                                                                  | 1    |
| 107  | 198930  | ROD, brake                                                               | 1    |
| 108  | 198931  | BEARING                                                                  | 1    |
| 110  | 195134  | SPACER, ball, guide                                                      | 2    |
| 111  | 113961  | SCREW, cap, hex HD                                                       | 1    |
| 113  | 16F729  | ROD, threaded, ProMelt                                                   | 1    |
| 114  | 114659  | GRIP, handle                                                             | 5    |
| 124  | 100681  | NUT, jam, hex                                                            | 1    |
| 129  | 100111  | NUT                                                                      | 2    |
| 131  | 114104  | SCREW, mach, hex wash HD                                                 | 10   |
| 137  | 111045  | SCREW, shoulder                                                          | 4    |
| 139  | 111192  | SCREW, cap flang HD                                                      | 25   |
| 145  | 112774  | SCREW, mach, sltd hex wash HD                                            | 2    |
| 146  | 107257  | SCREW, thd forming                                                       | 37   |
| 154  | 120659  | WASHER, falt                                                             | 1    |
| 162  | 24J569  | KIT, repair, temperature control, ProMelt (includes 41, 124)             | 1    |
| 167  | 123199  | SCREW, shoulder, socket head                                             | 3    |
| 168  | 123200  | ROD, ball joint, end                                                     | 2    |
| 175  | 117779  | SCREW, hex head, flanged                                                 | 6    |
| 233▲ | 16D646  | LABEL, ISO, hot surface                                                  | 5    |
| 247  | 16H074  | LABEL, ThermoLazer ProMelt                                               | 1    |
| 321  | 123385  | PIN, cotter, hairpin                                                     | 2    |
| 338  | 16H584  | FENDER, ProMelt                                                          | 2    |
| 344  | 16F656  | SHIELD, kettle, bottom, ProMelt                                          | 2    |
| 345  | 24J571  | KIT, repair, baffle, kettle (includes 346, 137)                          | 1    |
| 346  | 16F658  | BAFFLE, heat, insulated, ProMelt                                         | 1    |
| 347  | 24F699  | SHAFT, agitator, ProMelt                                                 | 1    |
| 348  | 16F728  | FITTING, arm mount agitator                                              | 2    |
| 349  | 16F645  | HANDLE, agitator, ProMelt                                                | 1    |
| 352  | 124628  | SCREW, shoulder, sch                                                     | 1    |

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# Parts - ThermoLazer (Models 24H622, 24H625)



## Parts List - ThermoLazer (Models 24H622, 24H625)

| Ref. | Part   | Description                                               | Qty. | Ref. | Part   | Description                                                                                             | Qty. |
|------|--------|-----------------------------------------------------------|------|------|--------|---------------------------------------------------------------------------------------------------------|------|
| 3    | 111195 | SCREW, cap, flng HD                                       | 2    | 86u  | 112825 | SPRING, belleville                                                                                      | 2    |
| 27   | 15X765 | WHEEL, drive, bead                                        | 1    | 87   | 240991 | BRACKET, caster, front                                                                                  | 1    |
| 33   | 125064 | VALVE, needle, gas, 1/4 npt                               | 2    | 88   | 193658 | NUT, seal                                                                                               | 2    |
| 39   | 24J578 | KIT, repair, manifold, rear                               | 1    | 89   | 114549 | WHEEL, pneumatic                                                                                        | 1    |
| 43   | 24E483 | KIT, replacement, bead hopper<br>(includes 228, 248, 264) | 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,<br>224)                 | 1    | 95   | 114802 | STOP, wire                                                                                              | 1    |
| 69   | 16H102 | MANIFOLD, torch, front                                    | 1    | 98   | 16H129 | HOSE, torch, rear                                                                                       | 1    |
| 69a  | 257378 | MANIFOLD, assembly                                        | 1    | 100  | 159840 | ADAPTER                                                                                                 | 1    |
| 69b  | 112788 | SCREW, cap, sockethead                                    | 4    | 104  | 16H192 | BRACKET, support, manifold, rear,<br>left                                                               | 1    |
| 69c  | 121112 | SCREW, cap, sockethead                                    | 2    | 109  | 16H107 | BRACKET, support, manifold, rear,<br>right                                                              | 1    |
| 69d  | 15X376 | BRACKET, beadbox, linkage                                 | 1    | 112  | 113444 | FITTING, elbow street, 45dx 1/4<br>npt                                                                  | 1    |
| 69e  | 16A243 | GASKET, foam                                              | 1    | 114  | 114659 | GRIP, handle                                                                                            | 5    |
| 69f  | 110631 | SCREW, sockethead                                         | 8    | 115  | 101550 | SCREW, cap, sch                                                                                         | 4    |
| 69g  | 24J866 | HANDLE, adjuster, bead                                    | 1    | 128  | 100187 | NUT                                                                                                     | 4    |
| 69k  | 295709 | SCREW, cap, sockethead                                    | 1    | 132  | 101580 | NUT, lock                                                                                               | 1    |
| 69m  | 123481 | SCREW, shoulder, screw, 1/4-20                            | 2    | 134  | 114766 | BOLT, cap hex head                                                                                      | 1    |
| 69n  | 16H292 | BRACKET, right, bead dispenser                            | 1    | 138  | 111145 | KNOB, pronged                                                                                           | 1    |
| 69p  | 112310 | SCREW, cap, sch                                           | 4    | 139  | 111192 | SCREW, cap flang HD                                                                                     | 25   |
| 69r  | 15X281 | ADJUSTER                                                  | 1    | 151  | 118484 | FITTING, connector                                                                                      | 3    |
| 69s  | 15X274 | GATE, poly                                                | 1    | 160  | 116789 | CLAMP, hose                                                                                             | 6    |
| 69t  | 15X275 | GATE, bar                                                 | 1    | 172  | 119547 | NUT, hex, lock, nylon, thin                                                                             | 2    |
| 69u  | 15X273 | PLATE, slide                                              | 2    | 179  | 15V415 | CLEVIS                                                                                                  | 4    |
| 69v  | 114708 | SPRING, compression                                       | 4    | 181  | 16A041 | SHAFT, threaded                                                                                         | 1    |
| 69w  | 24C672 | SHAFT, bead assembly kit                                  | 1    | 182  | 16H291 | SHAFT, threaded                                                                                         | 1    |
| 69x  | 114797 | GASKET                                                    | 2    | 189  | 16A100 | HOSE, bead                                                                                              | 3    |
| 69y  | 123304 | BEARING, double sealed                                    | 2    | 211  | 100664 | SCREW, set, sch                                                                                         | 1    |
| 69z  | 16H293 | BRACKET, left, bead dispenser                             | 1    | 222▲ | 16A274 | LABEL, ISO, explosion                                                                                   | 1    |
| 69aa | 15X272 | HOUSING, dispenser                                        | 1    | 224  | 15Y963 | LABEL kettle burners, lighting                                                                          | 1    |
| 69bb | 16A252 | PLATE, slide, middle                                      | 1    | 228▲ | 16A276 | LABEL, ISO symbols warn & instru                                                                        | 1    |
| 69cc | 104034 | WASHER, plain                                             | 8    | 248  | 16E335 | LABEL, brand, Graco                                                                                     | 2    |
| 69dd | 119872 | SCREW, shoulder                                           | 4    | 264▲ | 15Y966 | LABEL, fire and explosion                                                                               | 1    |
| 75   | 113958 | RING, retaining, external                                 | 3    | 268  | 120592 | PIN, cotter, hairpin                                                                                    | 3    |
| 78   | 15W873 | ARM, die/bead dispenser                                   | 1    | 270  | 16F660 | SHIELD, heat, rear, Promelt                                                                             | 1    |
| 82   | 112405 | NUT, lock                                                 | 6    | 278  | 114982 | SCREW, cap, flng HD                                                                                     | 11   |
| 83   | 112825 | SPRING, belleville                                        | 10   | 299  | 24H619 | KIT, accessory, rear torch<br>(includes 2, 98, 151, 33, 115, 104,<br>70, 60, 67, 109, 75, 39, 100, 112) | 1    |
| 85   | 101566 | NUT, lock                                                 | 12   |      |        |                                                                                                         |      |
| 86   | 24H246 | CASTER, promelt, blue                                     | 1    |      |        |                                                                                                         |      |
| 86c  | 113485 | BEARING, cup/cone                                         | 2    |      |        |                                                                                                         |      |
| 86d  | 15G952 | CASTER, machine                                           | 1    |      |        |                                                                                                         |      |
| 86e  | 113484 | SEAL, grease                                              | 1    |      |        |                                                                                                         |      |
| 86f  | 198606 | DISK, adjuster                                            | 1    |      |        |                                                                                                         |      |
| 86g  | 110754 | SCREW, cap, sch                                           | 2    |      |        |                                                                                                         |      |
| 86h  | 193662 | STOP, wedge                                               | 1    |      |        |                                                                                                         |      |
| 86j  | 114548 | BEARING, bronze                                           | 2    |      |        |                                                                                                         |      |
| 86k  | 193528 | ARM, detent                                               | 1    |      |        |                                                                                                         |      |
| 86m  | 15J603 | SPACER, round, .625 in.                                   | 1    |      |        |                                                                                                         |      |
| 86n  | 120476 | BOLT, shoulder, 5/16                                      | 1    |      |        |                                                                                                         |      |
| 86p  | 240942 | SHAFT, fork                                               | 1    |      |        |                                                                                                         |      |
| 86q  | 113962 | WASHER, hardened, SAE                                     | 1    |      |        |                                                                                                         |      |
| 86r  | 114681 | SCREW, cap, hex HD                                        | 1    |      |        |                                                                                                         |      |
| 86s  | 112405 | NUT, lock                                                 | 1    |      |        |                                                                                                         |      |

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## Parts List - ThermoLazer (Models 24H622, 24H625)

| Ref. | Part   | Description                                                       | Qty.        | Ref.                                                                                  | Part   | Description                                  | Qty. |
|------|--------|-------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|--------|----------------------------------------------|------|
| 1    | 24C394 | KIT, replacement, burner                                          | 2           | 152                                                                                   | 125187 | REGULATOR, LP gas, 18 psi                    | 1    |
| 2    | 24J570 | KIT, repair, torch head, die<br>(includes 67)<br>24H622<br>24H625 | 1<br>7<br>3 | 156                                                                                   | 119545 | BUSHING, strain, relief                      | 2    |
| 7    | 122944 | FITTING, Thermopile                                               | 1           | 161                                                                                   | 123155 | FITTING, flared, 1/4 pipe, 90 elbow          | 3    |
| 8    | 125032 | TOOL, torch                                                       | 1           | 164                                                                                   | 123157 | FITTING, flared, 1/2 pipe, adapter           | 1    |
| 9    | 122946 | VALVE, shut off                                                   | 1           | 165                                                                                   | 123158 | FITTING, flared, 3/8 tube, tee               | 1    |
| 10   | 122947 | REGULATOR                                                         | 1           | 166                                                                                   | 125241 | FITTING, flared, 1/8 npt x 90 elbow          | 2    |
| 11   | 24J575 | KIT, repair, pilot, ProMelt<br>(includes 130)                     | 1           | 171                                                                                   | 123160 | FITTING, flared, 1/4 tube, coupling          | 1    |
| 12   | 185281 | TEE, male                                                         | 2           | 186                                                                                   | 16F282 | TUBE, formed, gas                            | 1    |
| 13   | 16F638 | KIT, repair, valve, gas, ProMelt                                  | 1           | 208                                                                                   | 110755 | WASHER, plain                                | 2    |
| 17   | 106228 | FITTING, tee, street                                              | 1           | 217                                                                                   | 125140 | ELECTRODE                                    | 1    |
| 18   | 16J484 | PLATE, mount, burner                                              | 1           | 220                                                                                   | 111235 | SCREW, mach, pnh                             | 3    |
| 20   | 16H105 | BRACKET, support, burner, front                                   | 1           | 221                                                                                   | 116610 | SCREW, mach, phil, pan, #10                  | 9    |
| 22   | 16F641 | BRACKET, support, tank, propane                                   | 1           | 225                                                                                   | 100020 | WASHER, lock                                 | 2    |
| 23   | 15W735 | ARM, chamber, die                                                 | 1           | 230                                                                                   | 100179 | NUT, hex mscr                                | 2    |
| 28   | 24F695 | ENCLOSURE, valve                                                  | 1           | 231                                                                                   | 110637 | SCREW, mach, panhead                         | 5    |
| 29   | 16F642 | COVER, enclosure, valve box                                       | 1           | 233▲                                                                                  | 16D646 | LABEL, ISO, hot surface                      | 5    |
| 30   | 16A708 | BLOCK, spacer, gas valve                                          | 1           | 259                                                                                   | 16J470 | LABEL, front burner lighting<br>instructions | 1    |
| 32   | 118482 | FITTING, elbow, 45                                                | 2           | 280                                                                                   | 16J865 | PLATE, skid, torch, protector                | 1    |
| 33   | 125064 | VALVE, needle, gas, 1/4 npt                                       | 2           | 281                                                                                   | 16A838 | LABEL, caution, replacement                  | 1    |
| 34   | 15Y339 | ROD, support, die                                                 | 1           | 282                                                                                   | 24J404 | LABEL, regulator                             | 1    |
| 35   | 125063 | FITTING, flared, 1/4 pipe, adapter                                | 1           | 317                                                                                   | 24J589 | SLEEVE, high temp, 1/4, bulk                 | 1    |
| 48   | 16H128 | TUBE, formed, gas                                                 | 1           | 319                                                                                   | 16C332 | BRACKET                                      | 1    |
| 49   | 16J687 | TUBE, formed, gas, pilot                                          | 1           | 320                                                                                   | 16C333 | DOOR                                         | 1    |
| 52   | 16H106 | BRACKET, support, manifold, front                                 | 1           | 340                                                                                   | 24J590 | SLEEVE, high temp, 3/8, bulk                 | 6    |
| 55   | 24J868 | KIT, repair, frame, ThermoLazer<br>(includes 281, 282)            | 1           | 357                                                                                   | 120975 | BUSHING, strain relief                       | 1    |
| 64   | 157350 | FITTING, nipple, pipe, hex                                        | 1           | ▲ Replacement Danger and Warning labels, tags, and<br>cards are available at no cost. |        |                                              |      |
| 67   | 16H104 | INDICATOR, burner<br>24H622<br>24H625                             | 7<br>3      |                                                                                       |        |                                              |      |
| 69   | 24J577 | KIT, repair, manifold, front                                      | 1           |                                                                                       |        |                                              |      |
| 71   | 24J572 | TUBE, formed, gas                                                 | 1           |                                                                                       |        |                                              |      |
| 73   | 24J587 | KIT, repair, shroud, die<br>(includes 233, 259)                   | 1           |                                                                                       |        |                                              |      |
| 75   | 113958 | RING, retaining, external                                         | 3           |                                                                                       |        |                                              |      |
| 76   | 16J486 | TUBE, formed, gas                                                 | 1           |                                                                                       |        |                                              |      |
| 99   | 123086 | ADAPTER,                                                          | 1           |                                                                                       |        |                                              |      |
| 102  | 104641 | FITTING, bulkhead                                                 | 2           |                                                                                       |        |                                              |      |
| 105  | 112798 | SCREW, thread forming, hex HD                                     | 14          |                                                                                       |        |                                              |      |
| 117  | 16A061 | TUBE, formed, gas, Thermolazer                                    | 3           |                                                                                       |        |                                              |      |
| 118  | 16A058 | TUBE, formed, gas, Thermolazer                                    | 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           |                                                                                       |        |                                              |      |
| 146  | 107257 | SCREW, thd forming                                                | 25          |                                                                                       |        |                                              |      |
| 148  | 122667 | SCREW, drill, hex washer head                                     | 3           |                                                                                       |        |                                              |      |
| 149  | 118458 | FITTING, elbow, male                                              | 1           |                                                                                       |        |                                              |      |
| 151  | 118484 | FITTING, connector                                                | 3           |                                                                                       |        |                                              |      |

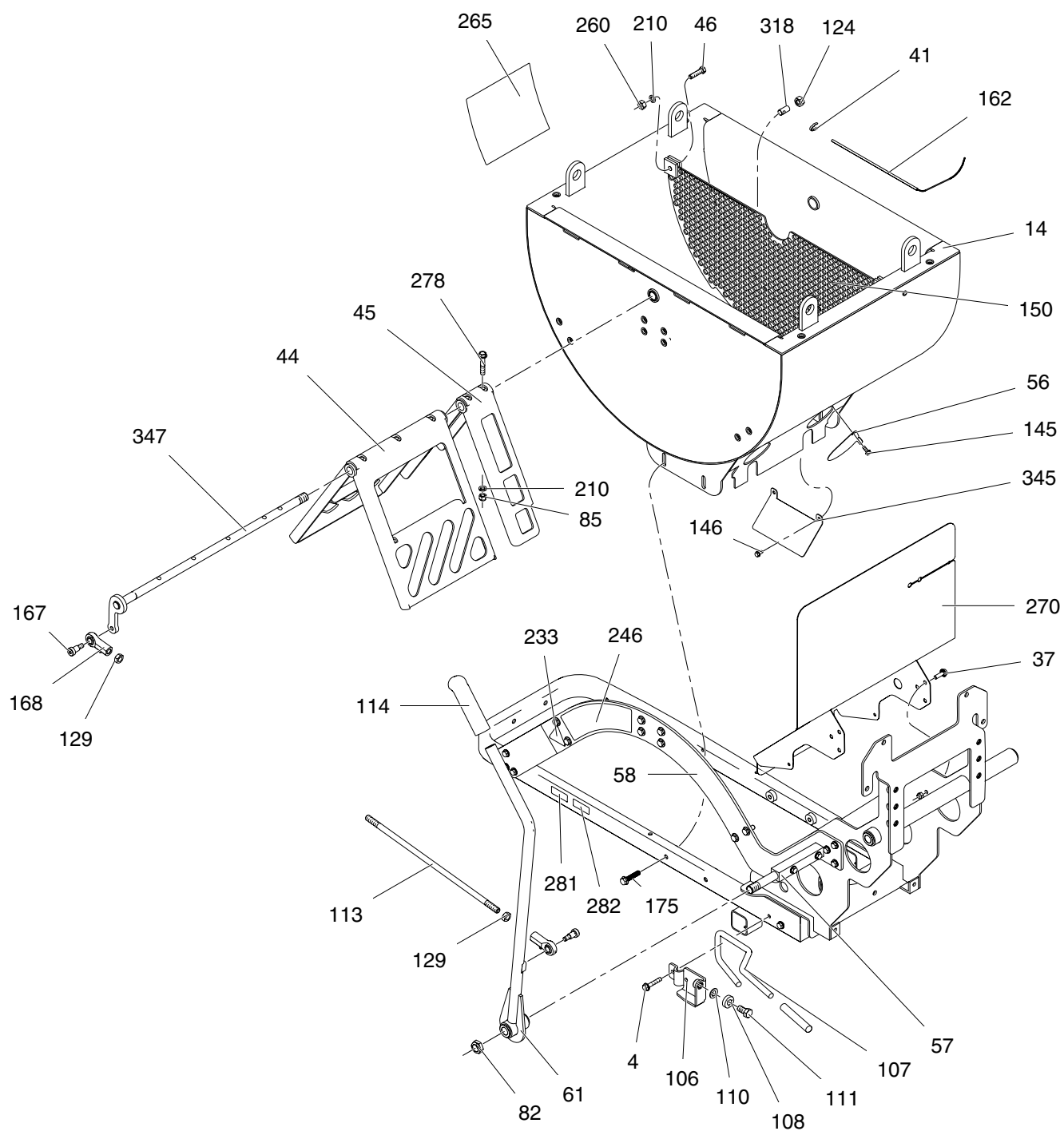




## Parts List - ThermoLazer (Models 24H622, 24H625)

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

## Parts - ThermoLazer (Models 24H622, 24H625)



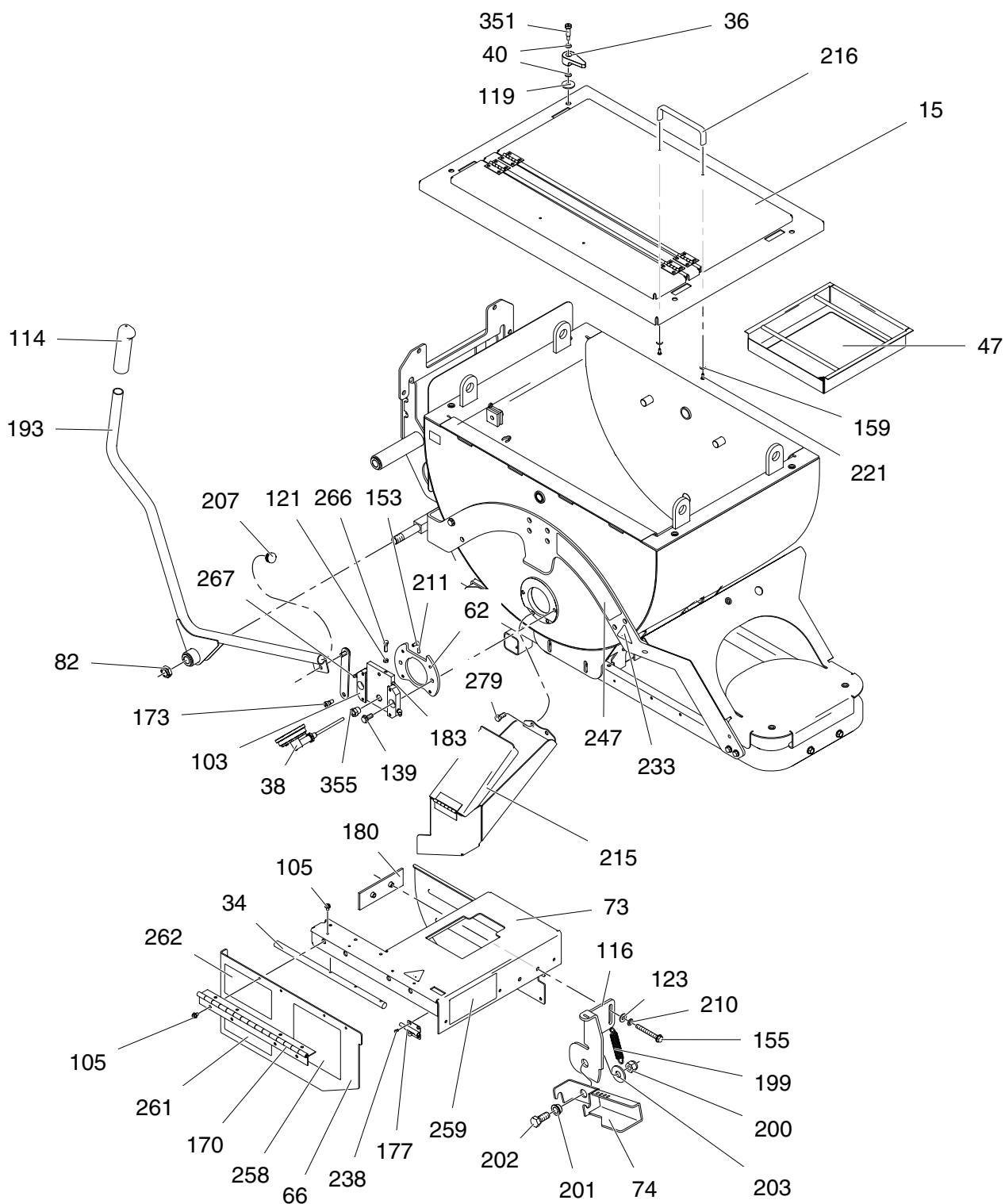
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## Parts List - ThermoLazer (Models 24H622, 24H625)

| Ref. | Part   | Description                                                   | Qty. |
|------|--------|---------------------------------------------------------------|------|
| 4    | 112960 | SCREW, cap, flng HD                                           | 10   |
| 14   | 16A404 | RESERVOIR, Thermolazer, painted                               | 1    |
| 37   | 112586 | SCREW, cap, hex HD                                            | 13   |
| 41   | 16C018 | CLIP, holder, wire                                            | 3    |
| 44   | 24C633 | AGITATOR, large                                               | 1    |
| 45   | 24C634 | AGITATOR, small                                               | 1    |
| 46   | 102637 | SCREW, cap                                                    | 3    |
| 56   | 15W440 | CHAMBER, heat, site door                                      | 2    |
| 57   | 15W443 | SHAFT, pivot, agitator                                        | 2    |
| 58   | 24J585 | KIT, repair, mount, left (includes 233, 246)                  | 1    |
| 61   | 15W447 | AGITATOR, arm                                                 | 1    |
| 82   | 112405 | NUT, lock                                                     | 6    |
| 85   | 101566 | NUT, lock                                                     | 10   |
| 106  | 198891 | BRACKET                                                       | 1    |
| 107  | 198930 | ROD, brake                                                    | 1    |
| 108  | 198931 | BEARING                                                       | 1    |
| 110  | 195134 | SPACER, ball, guide                                           | 2    |
| 111  | 113961 | SCREW, cap, hex HD                                            | 1    |
| 113  | 15Y673 | ROD, pivot, agitator                                          | 1    |
| 114  | 114659 | GRIP, handle                                                  | 5    |
| 124  | 100681 | NUT, jam, hex                                                 | 1    |
| 129  | 100111 | NUT                                                           | 2    |
| 145  | 112774 | SCREW, mach, sltd hex wash HD                                 | 4    |
| 146  | 107257 | SCREW, thd forming                                            | 22   |
| 150  | 15X215 | SCREEN, kettle                                                | 1    |
| 162  | 24C397 | KIT, replacement, temperature control (includes 41, 124, 318) | 1    |
| 167  | 123199 | SCREW, shoulder, socket head                                  | 4    |
| 168  | 123200 | ROD, ball joint, end                                          | 2    |
| 175  | 117779 | SCREW, hex head, flanged                                      | 6    |
| 210  | 100133 | WASHER, lock, 3/8                                             | 9    |
| 233▲ | 16D646 | LABEL, 2 in., ISO, hot surface                                | 5    |
| 246  | 16A316 | LABEL, brand, Thermolazer left                                | 1    |
| 260  | 100131 | NUT, full hex                                                 | 3    |
| 265  | 15Y964 | LABEL, footage counter                                        | 1    |
| 270  | 16F660 | SHIELD, heat, rear, Promelt                                   | 1    |
| 278  | 114982 | SCREW, cap, flng HD                                           | 11   |
| 281  | 16A838 | LABEL, caution replace prT 302V                               | 1    |
| 282  | 24J404 | LABEL, Promelt regulator label                                | 1    |
| 318  | 15Y792 | HOLDER, temp probe                                            | 1    |
| 345  | 15W733 | DEFLECTOR, heat                                               | 2    |
| 347  | 258686 | SHAFT, agitator                                               | 1    |

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

# Parts - ThermoLazer (Models 24H622, 24H625)



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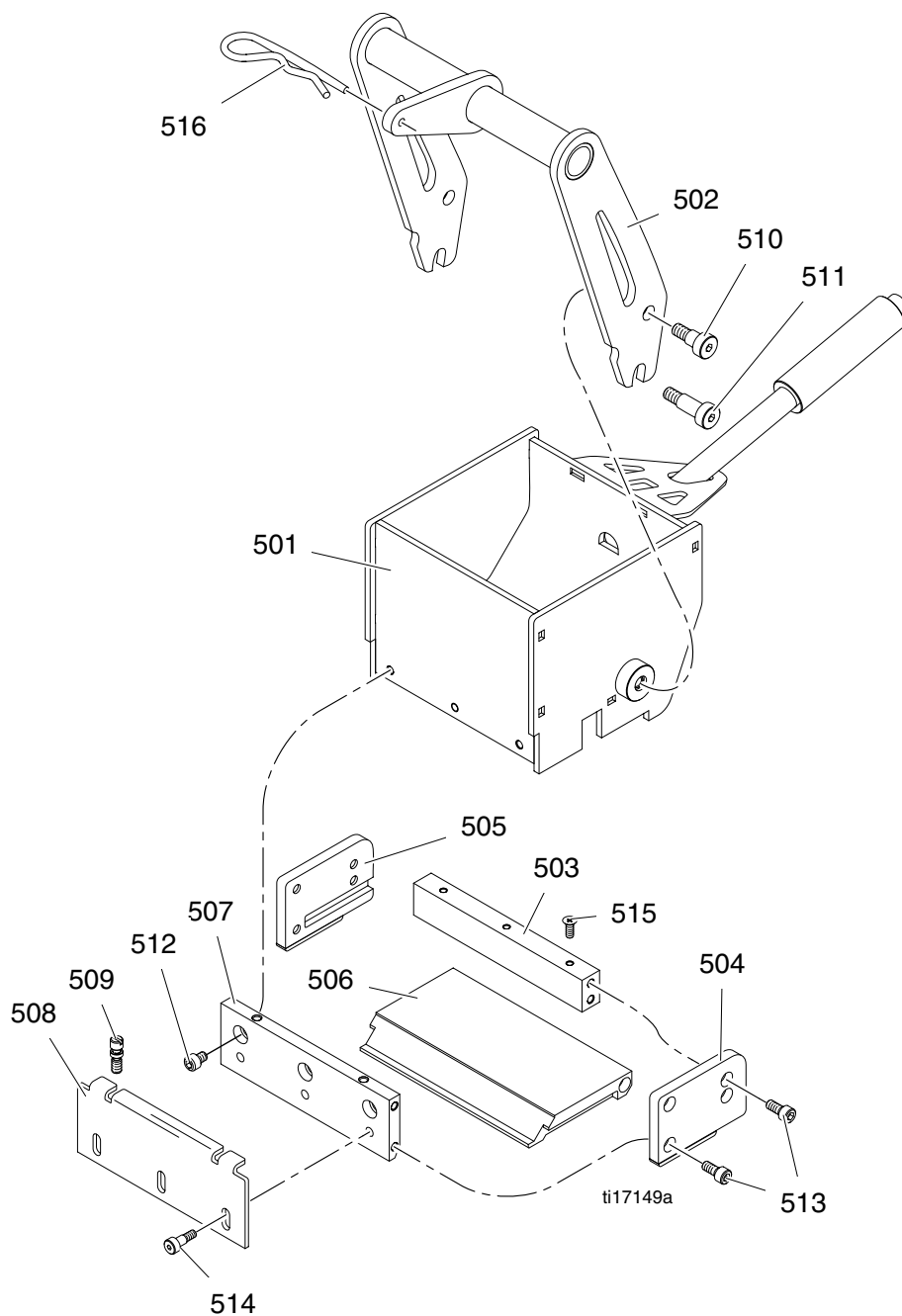
## Parts List - ThermoLazer (Models 24H622, 24H625)

| Ref. | Part   | Description                                     | Qty. |
|------|--------|-------------------------------------------------|------|
| 15   | 15W407 | COVER, kettle                                   | 1    |
| 34   | 15Y339 | ROD, support, die                               | 1    |
| 36   | 15Y677 | LATCH, cover                                    | 4    |
| 38   | 15Y679 | THERMOMETER, temp gauge                         | 1    |
| 40   | 113680 | WASHER, wave                                    | 8    |
| 47   | 257368 | SCREEN, inlet                                   | 1    |
| 62   | 16A065 | FLANGE, mount, gate valve                       | 1    |
| 66   | 24J588 | KIT, shroud, die, door (includes 258, 261, 262) | 1    |
| 73   | 24J587 | KIT, shroud, die (includes 233, 259)            | 1    |
| 74   | 15W614 | HANDLE, actuator                                | 1    |
| 82   | 112405 | NUT, lock                                       | 6    |
| 103  | 16A066 | PLATE, guide, gate valve                        | 2    |
| 105  | 112798 | SCREW, thread forming, hex HD                   | 12   |
| 114  | 114659 | GRIP, handle                                    | 5    |
| 116  | 15W737 | BRACKET, tension, die                           | 1    |
| 119  | 108851 | WASHER, plain                                   | 6    |
| 121  | 100015 | NUT, hex mscr                                   | 4    |
| 123  | 100023 | WASHER, flat                                    | 5    |
| 139  | 111192 | SCREW, cap flang HD                             | 25   |
| 153  | 123164 | SCREW, sockethead, flat                         | 4    |
| 155  | 116935 | SCREW, cap, flnghd                              | 2    |
| 159  | 112776 | WASHER, plain (24H622 only)                     | 4    |
| 170  | 123154 | HINGE, access door                              | 1    |
| 173  | 121256 | SCREW, shoulder, skt HD                         | 1    |
| 177  | 123099 | LOCK, slide barrel                              | 1    |
| 180  | 15Y949 | PLATE, back support                             | 1    |
| 183  | 24C105 | GATE, valve, finished                           | 1    |
| 193  | 24B811 | HANDLE, gate valve                              | 1    |
| 199  | 123206 | SPRING, extension                               | 1    |
| 200  | 101712 | NUT, lock                                       | 1    |
| 201  | 123209 | BEARING, flanged                                | 1    |
| 202  | 123208 | SCREW, cap, hex head                            | 1    |
| 203  | 115028 | WASHER, flat                                    | 1    |
| 207  | 120151 | RETAINER, caplug                                | 3    |
| 210  | 100133 | WASHER, lock, 3/8                               | 9    |
| 211  | 100664 | SCREW, set, sch                                 | 1    |
| 215  | 24J084 | FUNNEL, complete                                | 1    |
| 216  | 15W412 | HANDLE, cover                                   | 2    |
| 221  | 116610 | SCREW, mach, phil, pan, #10                     | 13   |
| 233▲ | 16D646 | LABEL, 2 in., ISO, hot surface                  | 5    |
| 238  | 123035 | RIVET, blind                                    | 4    |
| 247  | 16A317 | LABEL, brand, Thermolazer right                 | 1    |
| 258  | 16H841 | LABEL, instruction, SmartDie II                 | 1    |
| 259  | 16J470 | LABEL, front burner lighting ins                | 1    |
| 261  | 16J468 | LABEL, torch lighting instructio                | 1    |
| 262  | 16J469 | LABEL, rear burner lighting inst                | 1    |
| 266  | 100021 | SCREW, cap hex HD                               | 1    |
| 267  | 100847 | FITTING, lubrication                            | 2    |
| 279  | 100680 | SCREW, cap, hex HD                              | 2    |
| 351  | 120476 | BOLT, shoulder, 5/16                            | 4    |
| 355  | 168160 | BUSHING, pipe                                   | 1    |

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

## Parts - SmartDie II Box

|        |                 |
|--------|-----------------|
| 24H431 | 3 in. (8 cm)    |
| 24H426 | 4 in. (10 cm)   |
| 24H432 | 5 in. (12 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)  |

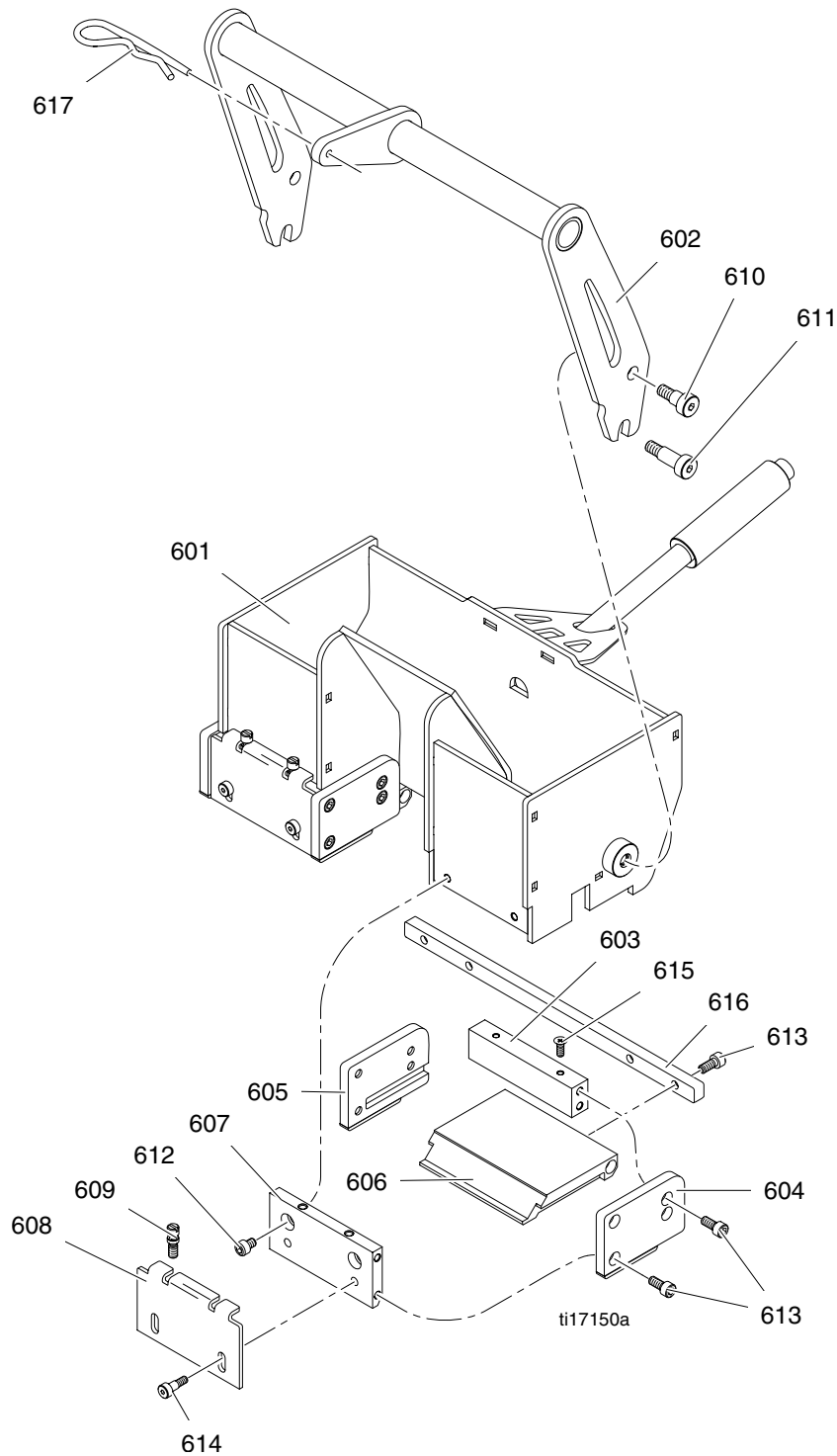


## Parts List - Smart Die II Box

| Ref. | Part   | Description                        | Qty. | Ref. | Part   | Description                               | Qty. |
|------|--------|------------------------------------|------|------|--------|-------------------------------------------|------|
| 501  | 24H562 | BOX, die, weldment (24H431)        | 1    | 509  | 16H044 | SCREW, adjustment, screed                 | 2    |
|      | 24H563 | BOX, die, weldment (24H426)        | 1    | 510  | 125028 | SCREW, shoulder, socket head M8           | 2    |
|      | 24H564 | BOX, die, weldment (24H432)        | 1    | 511  | 125027 | SCREW, shoulder, socket head M8           | 2    |
|      | 24H565 | BOX, die, weldment (24H427)        | 1    | 512  | 110501 | SCREW, cap sch, M6 x 8 (24H431)           | 2    |
|      | 24H566 | BOX, die, weldment (24H433)        | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H426)           | 2    |
|      | 24H567 | BOX, die, weldment (24H428)        | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H432)           | 3    |
|      | 24H568 | BOX, die, weldment (24H434)        | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H427)           | 3    |
|      | 24H569 | BOX, die, weldment (24H429)        | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H433)           | 3    |
|      | 24H570 | BOX, die, weldment (24H430)        | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H428)           | 3    |
| 502  | 24H571 | YOKE, weldment (24H431)            | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H434)           | 4    |
|      | 24H572 | YOKE, weldment (24H426)            | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H429)           | 4    |
|      | 24H573 | YOKE, weldment (24H432)            | 1    |      | 110501 | SCREW, cap sch, M6 x 8 (24H430)           | 4    |
|      | 24H574 | YOKE, weldment (24H427)            | 1    | 513  | 121518 | SCREW, cap, shc                           | 8    |
|      | 24H575 | YOKE, weldment (24H433)            | 1    | 514  | 125029 | SCREW, shoulder, socket head M5 (24H431)  | 2    |
|      | 24H576 | YOKE, weldment (24H428)            | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H426)  | 2    |
|      | 24H577 | YOKE, weldment (24H434)            | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H432)  | 3    |
|      | 24H578 | YOKE, weldment (24H429)            | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H427)  | 3    |
|      | 24H579 | YOKE, weldment (24H430)            | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H433)  | 3    |
| 503  | 16H001 | BAR, support (24H431)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H428)  | 3    |
|      | 16G995 | BAR, support (24H426)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H434)  | 4    |
|      | 16H006 | BAR, support (24H432)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H429)  | 4    |
|      | 16G996 | BAR, support (24H427)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H430)  | 4    |
|      | 16H007 | BAR, support (24H433)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H431)  | 4    |
|      | 16G997 | BAR, support (24H428)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H432)  | 4    |
|      | 16H008 | BAR, support (24H434)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H427)  | 4    |
|      | 16G998 | BAR, support (24H429)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H433)  | 4    |
|      | 16G999 | BAR, support (24H430)              | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H428)  | 4    |
| 504  | 24H581 | PLATE, die runner, right           | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H434)  | 4    |
| 505  | 24H580 | PLATE, die runner, left            | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H429)  | 4    |
| 506  | 16H019 | BAR, shear (24H431)                | 1    |      | 125029 | SCREW, shoulder, socket head M5 (24H430)  | 4    |
|      | 16H014 | BAR, shear (24H426)                | 1    | 515  | 123340 | SCREW, mach, flat head, undercut (24H431) | 3    |
|      | 16H020 | BAR, shear (24H432)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H426) | 3    |
|      | 16H015 | BAR, shear (24H427)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H432) | 3    |
|      | 16H021 | BAR, shear (24H433)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H427) | 3    |
|      | 16H016 | BAR, shear (24H428)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H433) | 3    |
|      | 16H022 | BAR, shear (24H434)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H428) | 3    |
|      | 16H017 | BAR, shear (24H429)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H434) | 3    |
|      | 16H018 | BAR, shear (24H430)                | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H429) | 3    |
| 507  | 16H029 | BAR, shear, stop (24H431)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H430) | 3    |
|      | 16H024 | BAR, shear, stop (24H426)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H431) | 3    |
|      | 16H030 | BAR, shear, stop (24H432)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H426) | 3    |
|      | 16H025 | BAR, shear, stop (24H427)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H432) | 3    |
|      | 16H031 | BAR, shear, stop (24H433)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H427) | 3    |
|      | 16H026 | BAR, shear, stop (24H428)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H433) | 3    |
|      | 16H032 | BAR, shear, stop (24H434)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H428) | 3    |
|      | 16H027 | BAR, shear, stop (24H429)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H434) | 3    |
|      | 16H028 | BAR, shear, stop (24H430)          | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H429) | 3    |
| 508  | 16H033 | PLATE, screed, adjustable (24H431) | 1    |      | 123340 | SCREW, mach, flat head, undercut (24H430) | 3    |
|      | 16H034 | PLATE, screed, adjustable (24H426) | 1    | 516  | 123385 | PIN                                       | 1    |
|      | 16H035 | PLATE, screed, adjustable (24H432) | 1    |      |        |                                           |      |
|      | 16H036 | PLATE, screed, adjustable (24H427) | 1    |      |        |                                           |      |
|      | 16H037 | PLATE, screed, adjustable (24H433) | 1    |      |        |                                           |      |
|      | 16H038 | PLATE, screed, adjustable (24H428) | 1    |      |        |                                           |      |
|      | 16H039 | PLATE, screed, adjustable (24H434) | 1    |      |        |                                           |      |
|      | 16H040 | PLATE, screed, adjustable (24H429) | 1    |      |        |                                           |      |
|      | 16H041 | PLATE, screed, adjustable (24H430) | 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) |





## Parts List - Double Line Die Box

| Ref. | Part   | Description                        | Qty. |
|------|--------|------------------------------------|------|
| 601  | 24H647 | BOX, die, weldment (24H435)        | 1    |
|      | 24H648 | BOX, die, weldment (24H436)        | 1    |
|      | 24H649 | BOX, die, weldment (24H437)        | 1    |
|      | 24J784 | BOX, die, weldment (24J785)        | 1    |
| 602  | 24H652 | YOKE, weldment (24H435)            | 1    |
|      | 24H579 | YOKE, weldment (24H436)            | 1    |
|      | 24H577 | YOKE, weldment (24H437)            | 1    |
|      | 24J783 | YOKE, weldment (24J785)            | 1    |
| 603  | 16G995 | BAR, support (24H435)              | 1    |
|      | 16G995 | BAR, support (24H436)              | 1    |
|      | 16H001 | BAR, support (24H437)              | 1    |
|      | 16G995 | BAR, support (24J785)              | 1    |
| 604  | 24H581 | PLATE, die runner, right           | 1    |
| 605  | 24H580 | PLATE, die runner, left            | 1    |
| 606  | 16H159 | BAR, shear (24H435)                | 1    |
|      | 16H159 | BAR, shear (24H436)                | 1    |
|      | 16H160 | BAR, shear (24H437)                | 1    |
|      | 16H159 | BAR, shear (24J785)                | 1    |
| 607  | 16H024 | BAR, shear, stop (24H435)          | 1    |
|      | 16H024 | BAR, shear, stop (24H436)          | 1    |
|      | 16H029 | BAR, shear, stop (24H437)          | 1    |
|      | 16H024 | BAR, shear, stop (24J785)          | 1    |
| 608  | 16H034 | PLATE, screed, adjustable (24H435) | 1    |
|      | 16H034 | PLATE, screed, adjustable (24H436) | 1    |
|      | 16H041 | PLATE, screed, adjustable (24H437) | 1    |
|      | 16H034 | PLATE, screed, adjustable (24J785) | 1    |
| 609  | 16H044 | SCREW, adjustment, screed          | 4    |
| 610  | 125028 | SCREW, shoulder, socket head m8    | 4    |
| 611  | 125027 | SCREW, shoulder, socket head m8    | 4    |
| 612  | 110501 | SCREW, cap, sch M6 x 8             | 4    |
| 613  | 121518 | SCREW, cap, shc                    | 20   |
| 614  | 125029 | SCREW, shoulder, socket head M5    | 4    |
| 615  | 123340 | SCREW, mach, flat head, undercut   | 4    |
| 616  | 16H189 | GUIDE, bar, shear, double (24H435) | 1    |
|      | 16H161 | GUIDE, bar, shear, double (24H436) | 1    |
|      | 16H162 | GUIDE, bar, shear, double (24H437) | 1    |
|      | 16J802 | GUIDE, bar, shear, double (24J785) | 1    |
| 617  | 123385 | PIN                                | 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.

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.

**THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.**

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

**GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO.** These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

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.

## **FOR GRACO CANADA CUSTOMERS**

The Parties acknowledge that they have required that the present document, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English. Les parties reconnaissent avoir convenu que la rédaction du présent document sera en Anglais, ainsi que tous documents, avis et procédures judiciaires exécutés, donnés ou intentés, à la suite de ou en rapport, directement ou indirectement, avec les procédures concernées.

# Graco Information

For the latest information about Graco products, visit [www.graco.com](http://www.graco.com).

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

*All written and visual data contained in this document reflects the latest product information available at the time of publication.  
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Original instructions. This manual contains English. MM 312484

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