

INSTRUCTIONS-PARTS LIST



308940

Rev. H



This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

INSTRUCTIONS

First choice when
quality counts.™

Kit, Beads Dispenser

3300 psi (230 bar, 23 MPa) Maximum Working Pressure

Line Lazer II & III 3900, 5900	Model	Series
Glass bead system with one 6-in. (152 mm) dispenser	287153	A
Glass bead system with two 6-in. (152 mm) dispensers	287164	A
6-in. (152 mm) dispenser and hose	241448	A
12-in. (305 mm) dispenser and 2 hoses	245516	A

Line Lazer 3500, 5000	Model	Series
Glass bead system with two 6-in. (152 mm) dispensers	241530	A
6-in. (152 mm) dispenser and hose	241448	A
12-in. (305 mm) dispenser and 2 hoses	245516	A

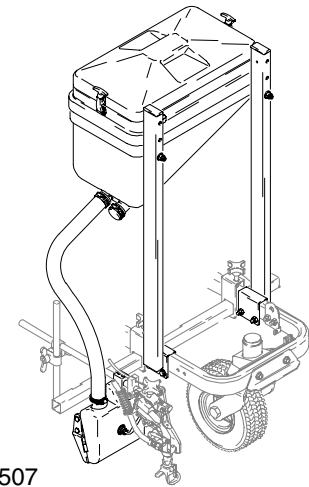
WARNING



INJECTION HAZARD

The system pressure must be manually relieved to prevent the system from starting or spraying accidentally. Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** whenever you:

- are instructed to relieve the pressure,
- stop spraying,
- check or service any of the system equipment,
- or install or clean the spray tip.



U.S. PATENT 6, 478, 507

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Pressure Relief Procedure

1. Lock gun trigger safety.
 2. Turn engine ON/OFF switch to OFF.
- Reposition the adjuster disk to allow proper release of swivel wheel when the reversible handle kit is installed.
3. Move pressure control switch to OFF and turn pressure control knob fully counterclockwise.
 4. Unlock trigger safety. Hold metal part of gun firmly to side of grounded metal pail, and trigger gun to relieve pressure.
 5. Lock gun trigger safety.
 6. Open pressure drain valve. Leave valve open until ready to spray again.
 7. Disconnect spark plug cable.

If you suspect that the spray tip or hose is completely clogged, or that pressure has not been fully relieved after following the steps above, VERY SLOWLY loosen tip guard retaining nut or hose end coupling to relieve pressure gradually, then loosen completely. Now clear tip or hose.

Setup

Note: Glass bead system and paint guns can be mounted on either side of Linestriper.

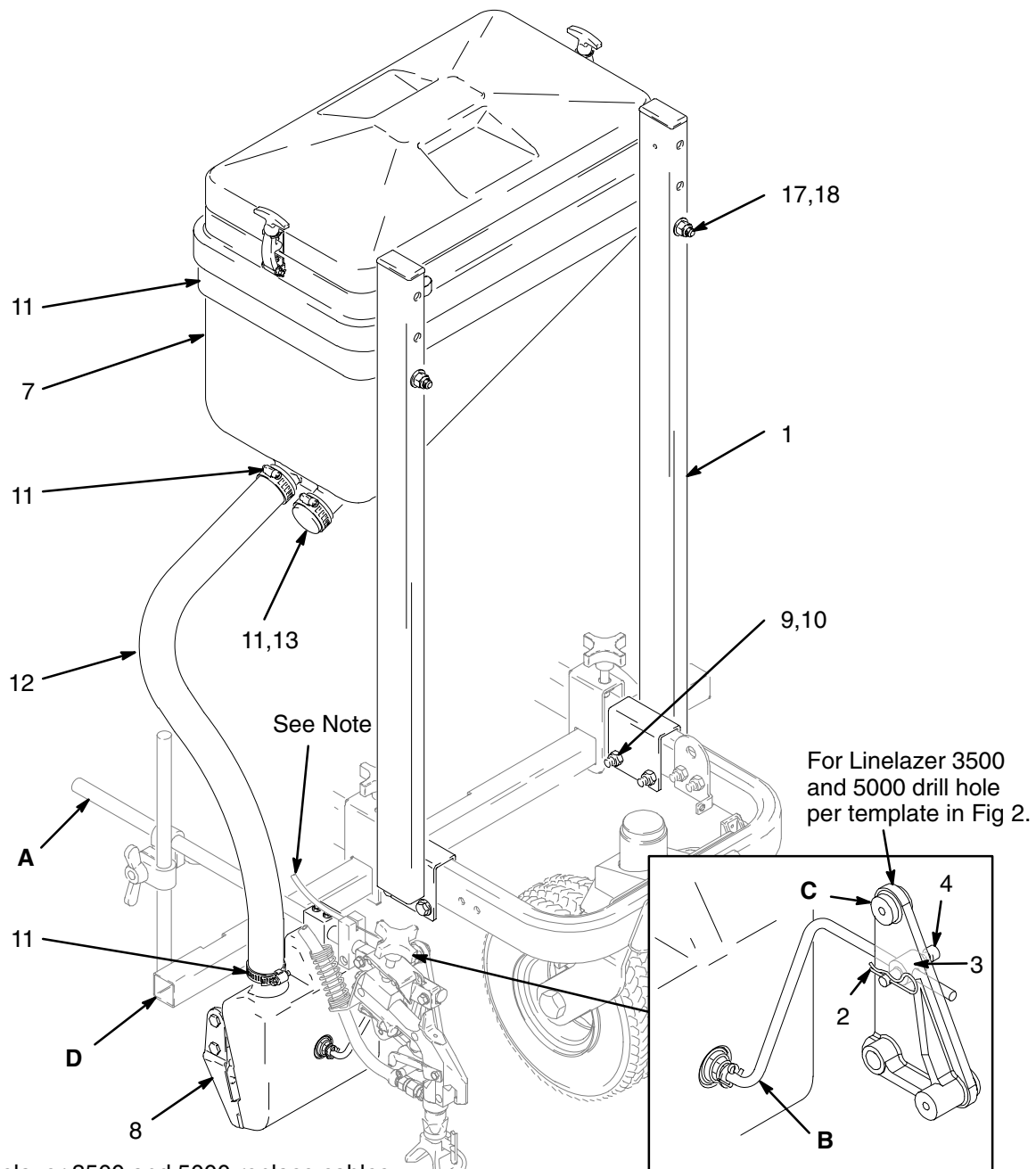
1. Fig. 1. Bolt beads hopper frame legs (1) to Linestriper with four flange head cap screws (9) and lock nuts (10).
2. Place bead hopper ring (16) into any set of holes in bead hopper legs. Use higher set of holes for wide stripe applications.

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Beads Dispenser Kit



Note: For Linelazer 3500 and 5000 replace cables with new cables included in kit 241530.

Fig. 1

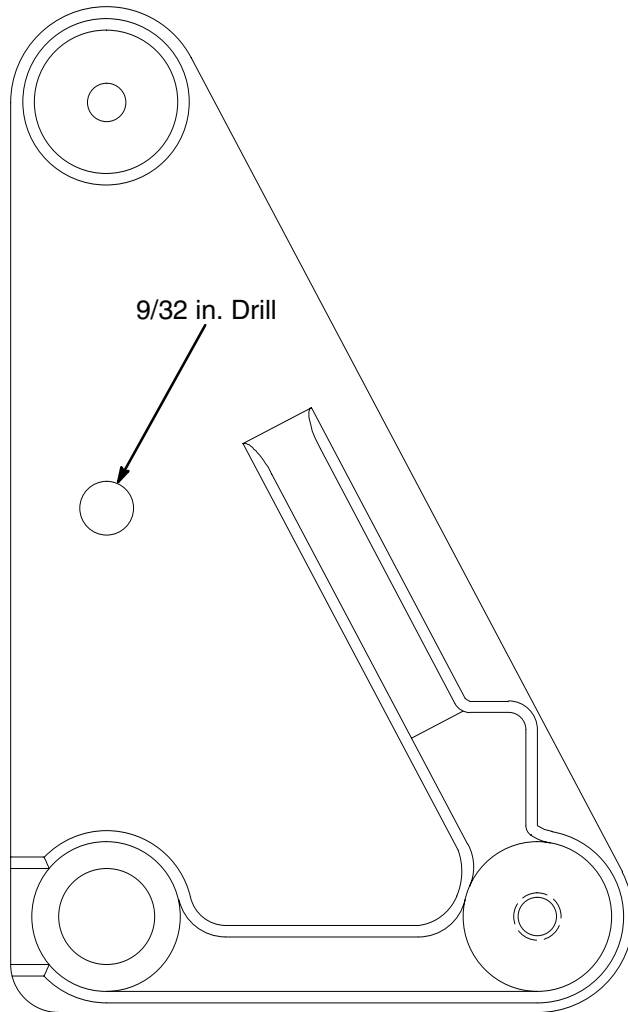
Setup (continued)

3. Bolt beads hopper and bead hopper ring together with washers (17) and lock nuts (18) from kit bag.
4. Install beads hopper (7) on gun-side on top of beads hopper frame.
5. Loosen and remove gun support (A). Slide beads dispenser (8) on support and reinstall.
6. Move beads dispenser to desired location on rod. Loosen screw (4) and position link (3) to connect to gun trigger (C). Tighten screw (4) and attach dispenser connecting rod (B) to gun trigger with bridge pin (2).

7. Position spray gun and beads dispenser assembly (D) to position to be used in beads application and tighten
8. Attach beads hose(s) (12)
 - a. 6-inch: Attach beads hose (12) to beads hopper outlet with hose clamp (11). Plug other beads hopper outlet with cap (13) and clamp (11).
 - b. 12-inch: Attach two beads hoses (12) to beads hopper outlets with hose clamps (11).

Beads Dispenser Kit

For LineLasers 3500 and 5000 only



Use this drawing to locate and drill 9/32 in. hole on LineLazer 3500 and 5000 only.

Fig. 2

Setup (continued)

9. Route beads hose down to beads dispenser inlet.

CAUTION

To avoid beads stoppage in hose during use, make sure beads hose is in a arc curved downward with no kinks or high spots.

10. Mark on beads hose where it will connect to beads dispenser inlet.
11. Cut beads hose on mark and attach to beads dispenser inlet using clamp (11). Hoses must be cut as short as possible to allow good bead flow.

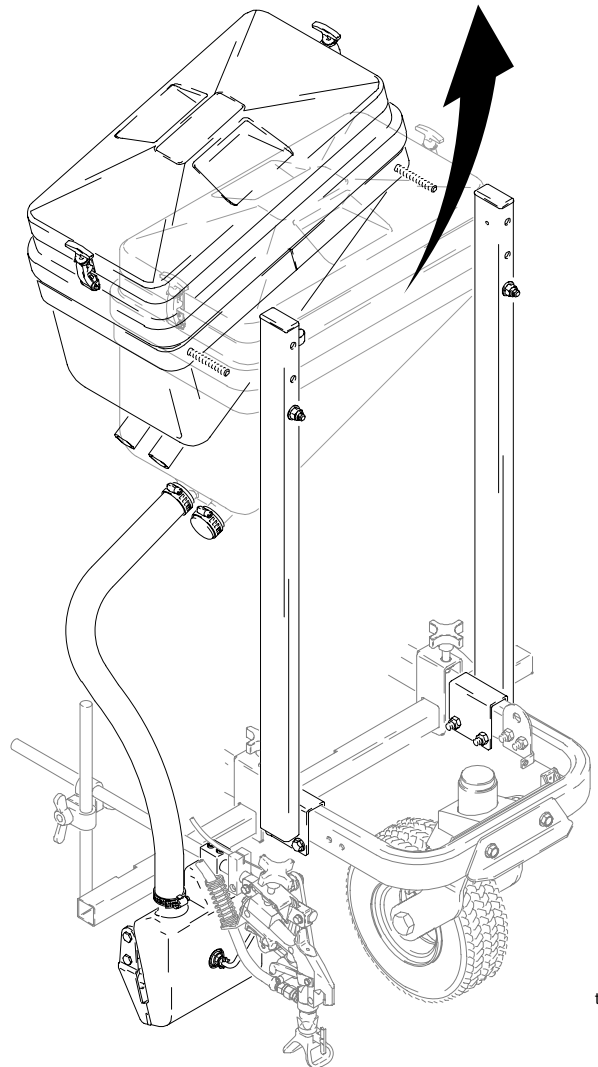


Fig. 3

12. Fig. 3. Angle of hopper may be changed by placing one side of bead hopper ring in a higher hole than the other.

Beads Dispenser Kit

Dispenser Adjustments

Fig. 4. Adjust dispenser plates up or down for desired bead flow. Typical flow rates range between 6–8 lbs. of glass beads per gallon paint.

Fig. 4. Bead dispensers (A) are located behind paint guns. If not adjusted properly, they may miss a short area at end of each paint stripe. Make sure to position cable adjuster (C) so gun triggers at mid-point on handle bar trigger. Adjust bead dispensers (A) so beads flow immediately when trigger is pulled. This will insure independent control to keep beads flowing after paint is turned off.

Operation

Operate the Linestriper as in normal striper operation. Refer to LineLazer repair manual for paint spray tip recommendations.

Only use dry clean beads. Any moisture or contamination with beads will cause poor bead flow. A window type screen can be used to remove unwanted debris before filling glass bead hopper.

⚠ CAUTION

To avoid beads stoppage, do not use wet beads or beads that have absorbed moisture. If beads stoppage is occurring, replace with dry beads.

⚠ CAUTION

Do not get beads in paint. Beads contaminating the paint supply can damage the pump. Make sure that the paint supply is covered during beads filling and handling.

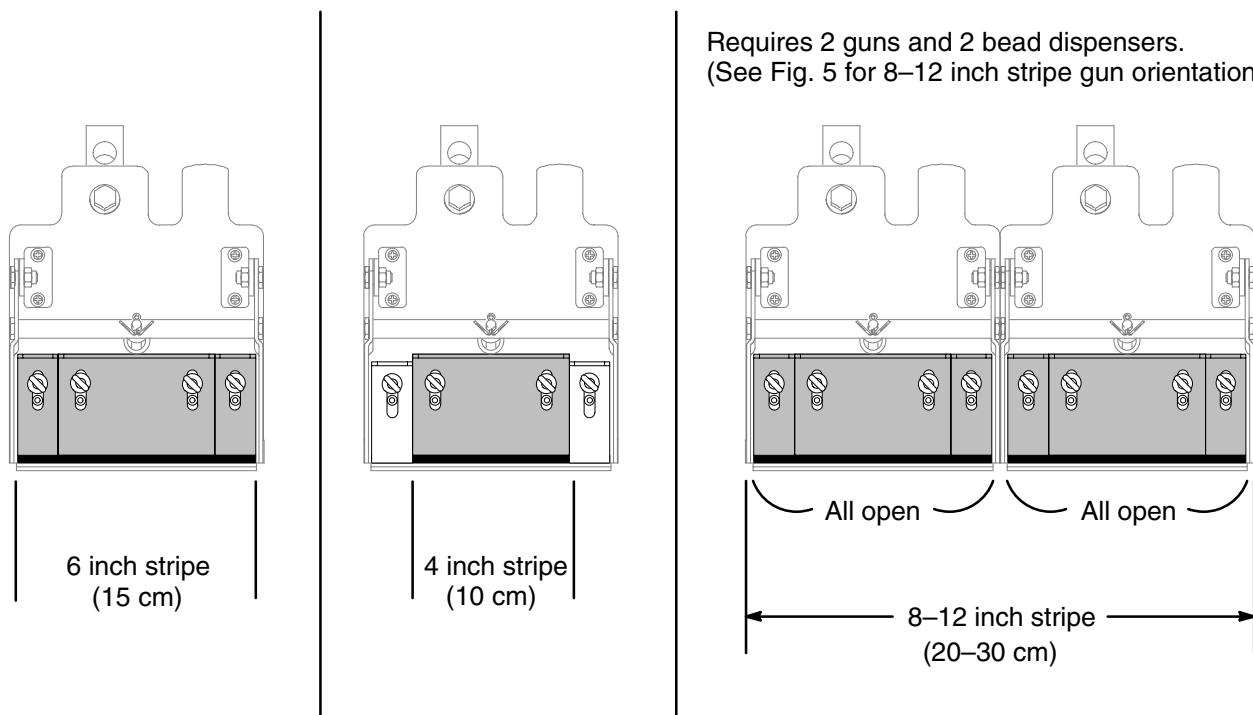


Fig. 4

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Beads Dispenser Kit

Gun orientation for 8–12 inch stripe operation

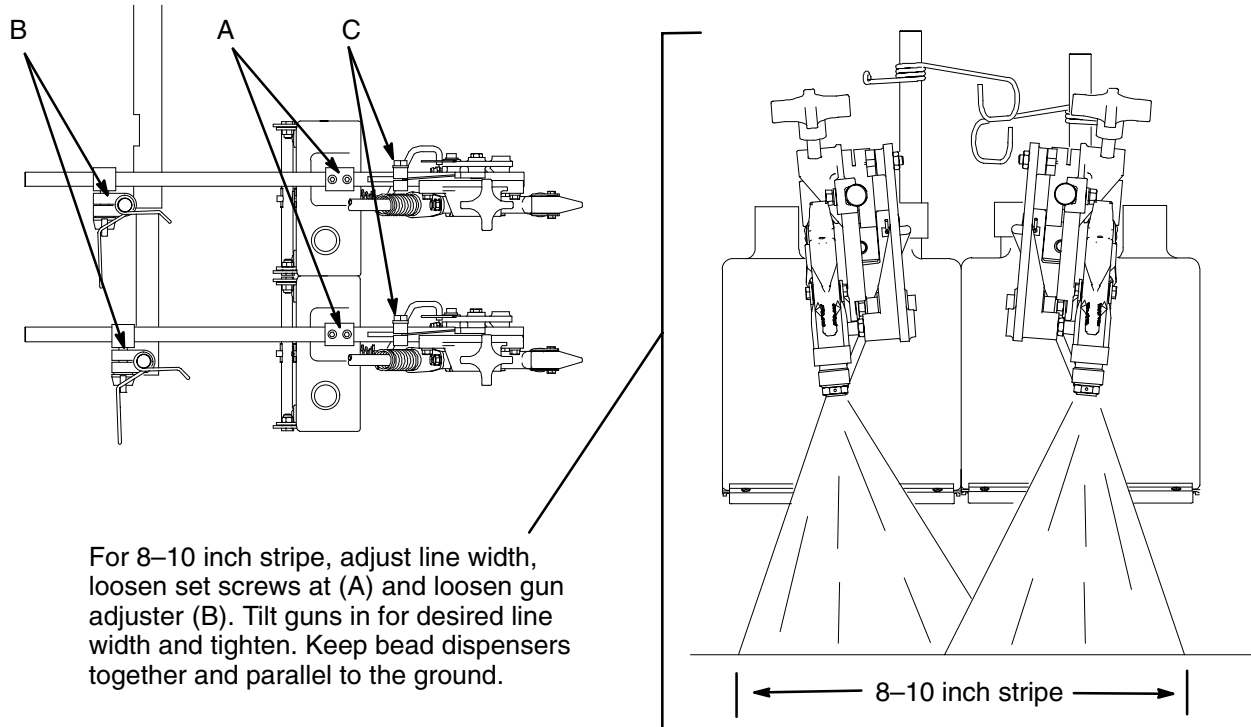


Fig. 5

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Shutdown

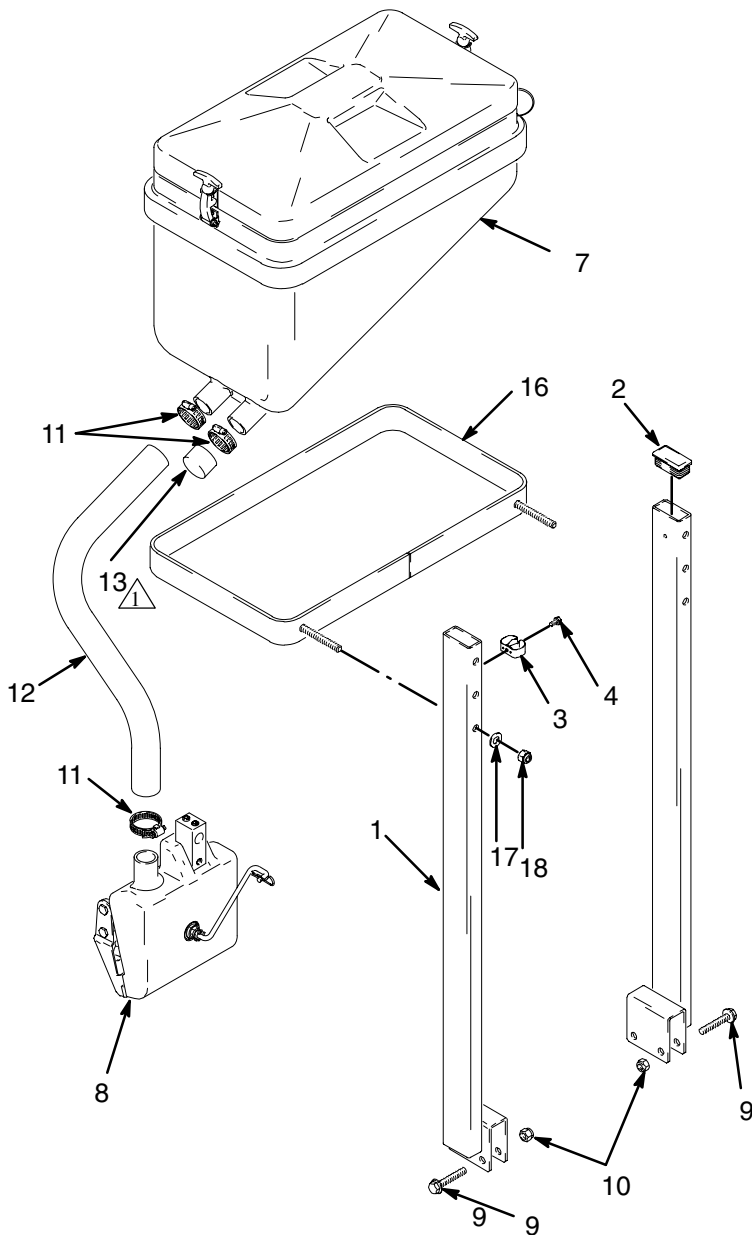
CAUTION

To avoid glass beads clumping, don't store beads in hopper when not in use. Make sure to run beads out of system when done.


After completion of beads application, perform the following steps:

1. Fig. 1. Run-out all beads from the system and store beads in clean dry area.
2. Disconnect beads hose (12) from beads dispenser (8) inlet by loosening hose clamp (11).
3. Unfasten screw attaching beads dispenser and remove from bracket.
4. If desired, remove bracket.

Beads Dispenser Kit – Parts List



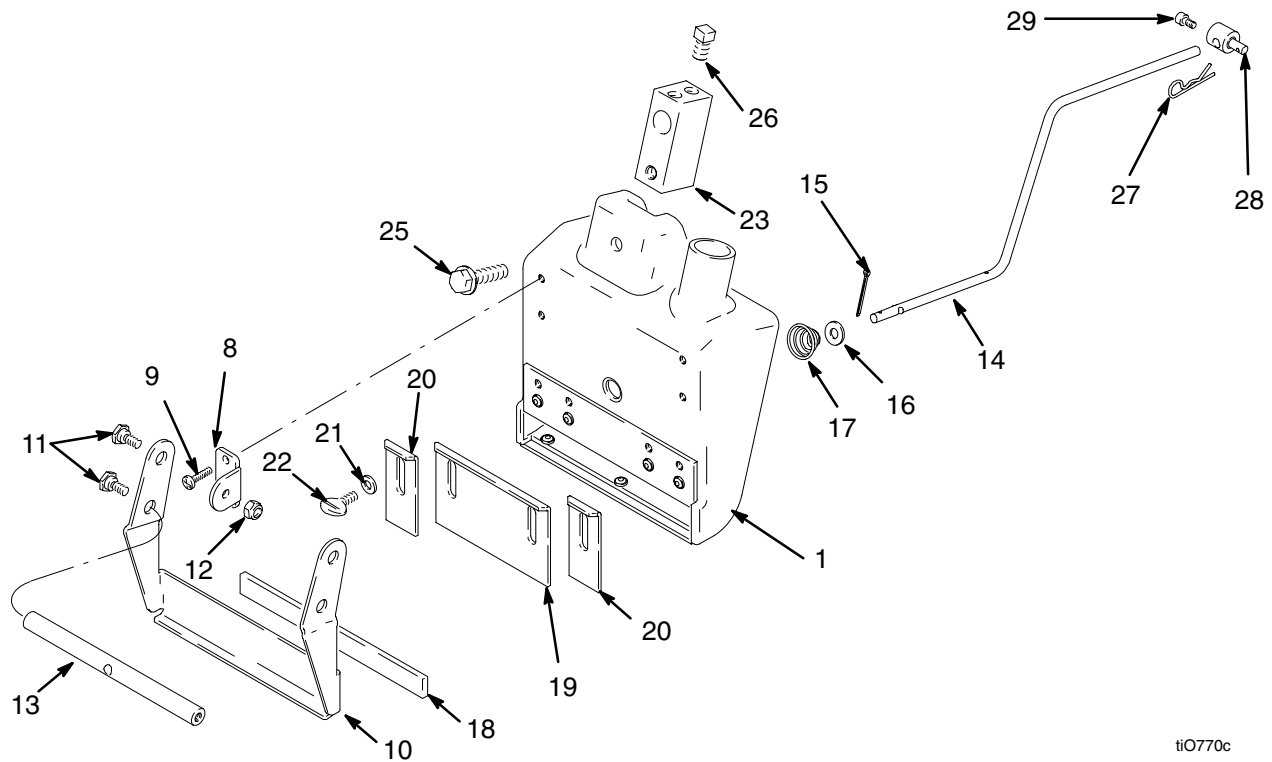
Ref No.	Part No.	Description	Qty
	287153	KIT, bead system	Ref
1	287151	. FRAME, hopper, leg	2
2	115087	. PLUG, tubing	2
3	115081	. CLIP, gripper	1
4	115502	. SCREW, self-tapping	1
5	194666	. LABEL, id (not shown)	2
6	194668	. LABEL, warning (not shown)	2
7	241437	. HOPPER, beads	1
8		. DISPENSER ASSY KIT (includes 8, 11 & 12)	
	241448	. 6-Inch Dispenser Assy (Parts List, page 7)	1
	245516	. 12-Inch Dispenser Assy (Parts List, page 8)	1
9	111194	. SCREW, cap, flng hd	4
10	101566	. NUT, lock	4
11	101818	. CLAMP, hose	3
12	194682	. HOSE, beads	1
13	403237	. CAP	1
	For Linelazers 3500 and 5000 only		
14	241418	CABLES (not shown)	1
15	241419	CABLE, 2nd gun (not shown)	1
16	15C732	RING, hopper, frame	1
17	100731	WASHER	2
18	101714	NUT, lock	2

 Remove cap (13) and install second hose (12) and clamp (11) for 12-inch bead dispenser

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6-Inch Dispenser Assy – Parts List



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Ref No.	Part No.	Description	Qty	Ref No.	Part No.	Description	Qty
	241448	DISPENSERASSY KIT, beads (See item 8, Beads Dispenser Kit Parts List)	REF	16	110755	. WASHER, plain	2
1	241727	. HOUSING KIT, dispenser	1	17	114812	. SPRING, compression	1
8	194080	. BRACKET, door	2	18	115080	. PAD, foam	1
9	111630	. SCREW, machine, pan hd	4	19	193561	. PLATE, slide, 4 in.	1
10	197365	. DOOR, dispenser	1	20	193560	. PLATE, slide, 1 in.	2
11	110997	. SCREW, door, hex	4	21	100086	. WASHER	4
12	102040	. NUT, lock	2	22	100085	. SCREW, thumb	4
13	193565	. SPACER, door, connecting	1	23	197364	. BLOCK, mounting	1
14	198937	. ROD, connecting	1	25	112785	. SCREW, cap, hex hd	1
15	110228	. PIN, cotter	2	26	115490	. SCREW, set	2
				27	114814	. PIN, bridge	1
				28	15A264	. LINK, mounting, adjustable	1
				29	198058	. SCREW, cap, schd, 10–24 x 3/8	1

This exploded view diagram illustrates the assembly of a mechanical component. The parts are identified by the following callouts:

- 1**: A long, thin rectangular plate with a U-shaped bend at one end.
- 2**: A small metal pin or clip.
- 3**: A small metal pin or clip.
- 4**: A long, thin rectangular plate.
- 5**: A rectangular plate with two circular holes and a U-shaped bend at one end.
- 6**: A small metal pin or clip.
- 7**: A long, thin rectangular plate with a U-shaped bend at one end.
- 8**: A long, thin rectangular plate.
- 9**: A small metal pin or clip.
- 10**: A rectangular plate with a U-shaped bend at one end.
- 11**: A small metal pin or clip.
- 12**: A small metal pin or clip.
- 13**: A threaded metal pin or bolt.
- 14**: A small metal pin or clip.
- 15**: A rectangular plate with a U-shaped bend at one end.
- 16**: A rectangular plate with a U-shaped bend at one end.
- 17**: A small metal pin or clip.
- 18**: A small metal pin or clip.
- 19**: A small metal pin or clip.

Ref No.	Part No.	Description	Qty	Ref No.	Part No.	Description	Qty
	245516	DISPENSER ASSY KIT, beads (See item 8, Beads Dispenser Kit Parts List)	REF	9	117576	. SCREW, machine, hex washer hd	8
1	198379	. ROD, connecting	1	10	198376	. SCREW, door, hex	2
2	114814	. PIN, bridge	1	11	102598	. SCREW, cap, socket head	2
3	15A264	. LINK, mounting, adjustable	1	12	115483	. NUT, lock	5
4	198058	. SCREW, cap, socket head	1	13	116998	. FITTING, hose, barb	2
5	245799	. HOUSING KIT, dispenser	1	14	101885	. SCREW, cap, socket head	2
6	117155	. SPRING, compression	2	15	245679	. BLOCKING, mounting	1
7	198378	. DOOR, dispenser	1	16	198380	. PLATE, slide	3
8	116680	. PAD, foam, die-cut	1	17	100085	. SCREW, thumb	6
				18	100086	. WASHER	6
				19	117725	. STUD, button, snap	3

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