

## Kit, Bead Dispenser LineLazer IV & V, 3900, 5900, 200<sub>HS</sub>, 130<sub>HS</sub>, LL250<sub>SPS</sub>, LL250<sub>DC</sub>, LL ES1000 Airless Line Stripers

311068H

EN

For application of line striping materials.  
Not approved for use in European explosive atmosphere locations.

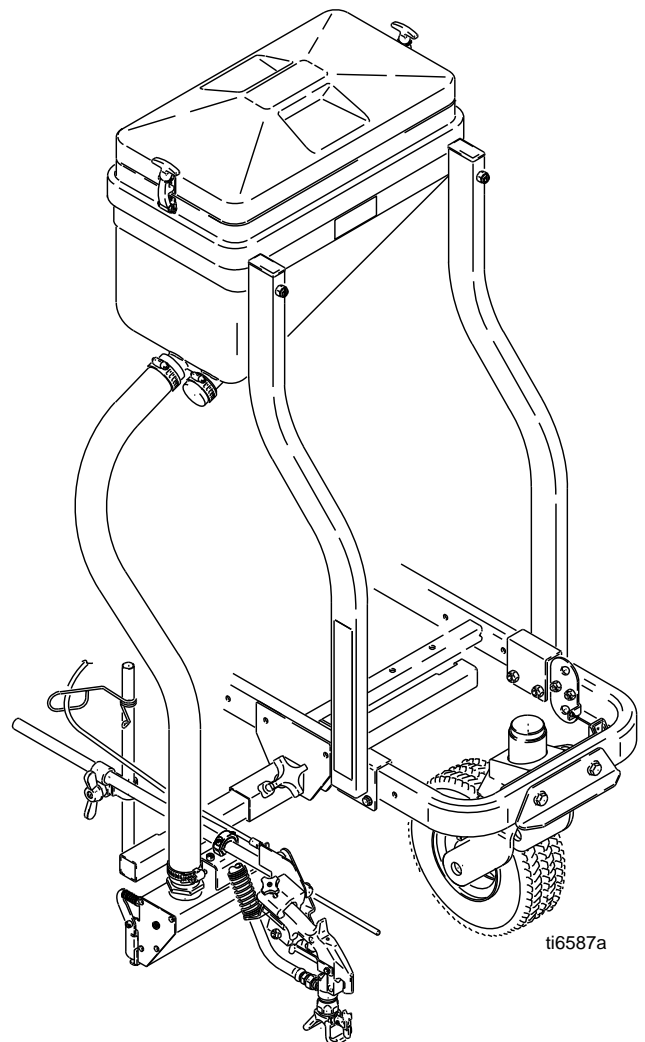


### Important Safety Instructions

Read all warnings and instructions in this manual. Save these instructions.

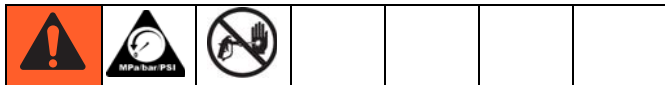
LineLazer IV & V 3900, 5900, 130 <sub>HS</sub> , 200 <sub>HS</sub> , ES1000	Model	Series
Glass bead system with one 6-in. (152 mm) dispenser	277065	A
Glass bead system with two 6-in. (152 mm) dispensers	277064	A
6-in. (152 mm) dispenser and hose	277067	A
6-in. (152 mm) wind deflector kit with aluminum dispenser	277066	A
6-in. (152 mm) wind deflector with plastic dispenser	245519	A
12-in. (305 mm) dispenser and two hoses	245516	A
12-in. (305 mm) bead system	24N265	A
12-in. (305 mm) wind deflector with aluminum dispenser	245520	A

LL250 <sub>SPS</sub> & LL250 <sub>DC</sub>	Model	Series
6-in. (152 mm) dispenser and hose	277067	A
6-in. (152 mm) wind deflector kit with aluminum dispenser	277066	A
12-in. (305 mm) dispenser and two hoses	245516	A
12-in. (305 mm) Bead System	24N267	A
12-in. (305 mm) wind deflector with aluminum dispenser	245520	A
Glass bead system with one 6-in. (152 mm) dispenser	24M641	A
Glass bead system with two 6-in. (152 mm) dispenser	24M838	A



# Bead Dispenser Kit

## Setup



**NOTE:** Glass bead system and paint guns can be mounted on either side of sprayer.

1. Perform **Pressure Relief Procedure** (see sprayer manual).
2. Remove pronged knob (E) and nut (F). Install screw (17), washer (18) and nut (19).
3. Bolt bead hopper frame legs (1, 3) to sprayer with four flange head cap screws (9) and lock nuts (10).
4. Place bead hopper ring (14) into holes in bead hopper legs.
5. Bolt bead hopper and bead hopper ring together with washers (15) and lock nuts (4) from kit bag.
6. Install bead hopper (7) on gun side on top of beads hopper frame.
7. Remove collar from mounting block of dispenser (8). Locate dispenser on gun support and reconnect collar to attach dispenser to support.
8. Move bead dispenser to desired location on rod. Loosen screw (4) and position link (3) to connect to gun trigger actuator (C). Tighten screw (4) and attach dispenser connecting rod (B) to gun trigger with bridge pin (2).
9. Position spray gun and bead dispenser assembly (D) to position to be used in bead application and tighten.
10. Attach bead hose(s) (12).
  - a. 6-inch: Attach bead hose (12) to bead hopper outlet with hose clamp (11). Plug other bead hopper outlet with cap (13) and clamp (11).
  - b. 12-inch: Attach two bead hoses (12) to bead hopper outlets with hose clamps (11).

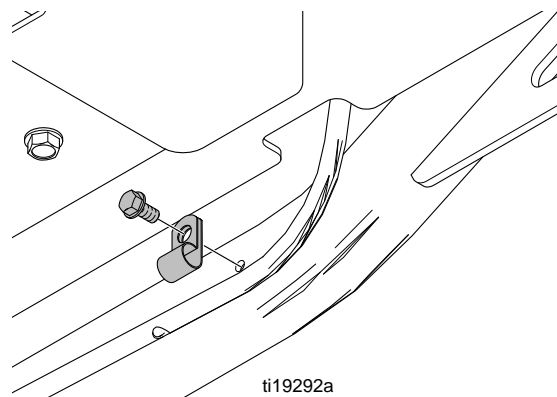
11. Route bead hose down to bead dispenser inlet.

**NOTE:** To avoid bead stoppage in hose during use, make sure bead hose is in an arc curved downward with no kinks or high spots.

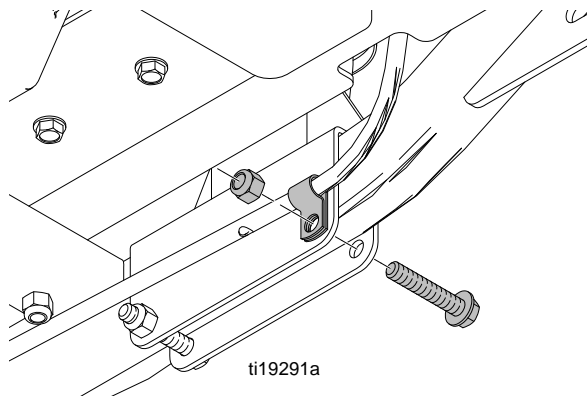
12. Mark on bead hose where it will connect to bead dispenser inlet.
13. Cut bead hose on mark and attach to bead dispenser inlet using clamp (11). Hoses must be cut as short as possible to allow good bead flow.

## Additional Instructions (LLIV & V 250SPS, 250DC Units Only)

1. Before installing bead dispenser kit, remove the screw and clamp that hold recoil tube to frame.

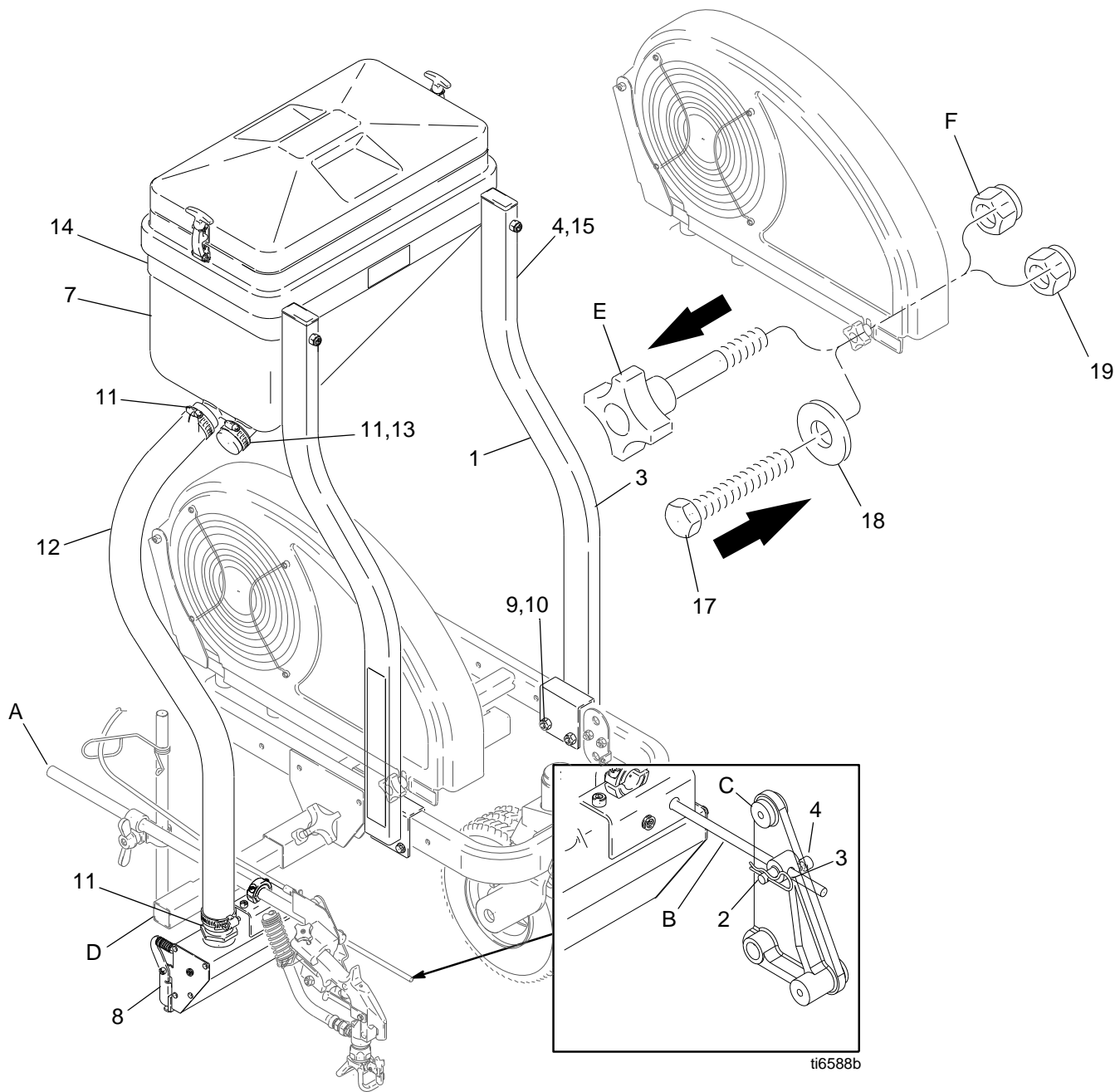


2. Install new clamp to secure recoil tube to new mounting bracket.



3. **NOTE:** The orientation of the new clamp must allow room for the recoil tube.

# Bead Dispenser Kit



## Dispenser Adjustments

Adjust dispenser plates up or down for desired bead flow. Typical flow rates range between 6 - 8 lb of glass beads per gallon of paint.

Bead dispensers (A) are located behind paint guns. If not adjusted properly, dispensers may miss a short area at end of each paint stripe. Adjust gun cables so guns trigger at midpoint of handle bar trigger. Adjust bead dispensers (A) so beads flow immediately when trigger is pulled. This ensures independent control to keep beads flowing after paint is turned off.

## Operation

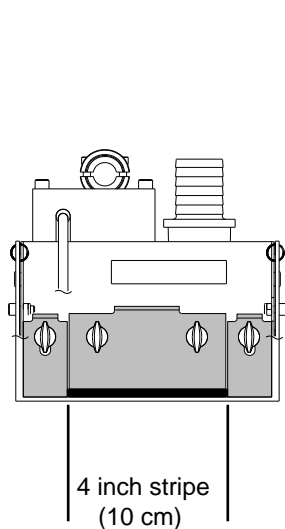
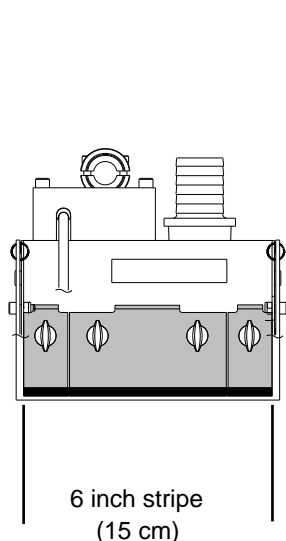
Operate the striper as in normal striper operation. Refer to LineLazer Repair manual for paint spray tip recommendations.

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.

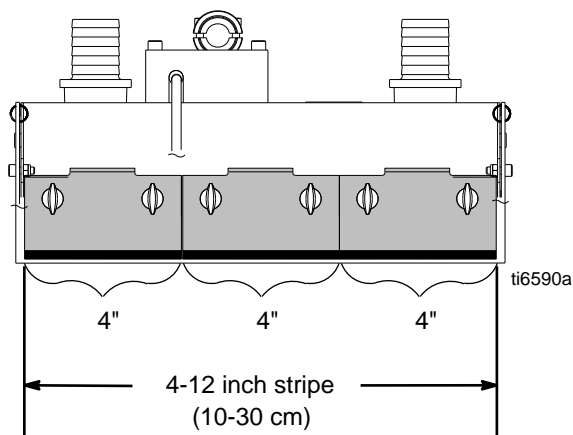
**NOTE:** To avoid bead stoppage, do not use wet beads or beads that have absorbed moisture. If bead stoppage is occurring, replace with dry beads.

### NOTICE

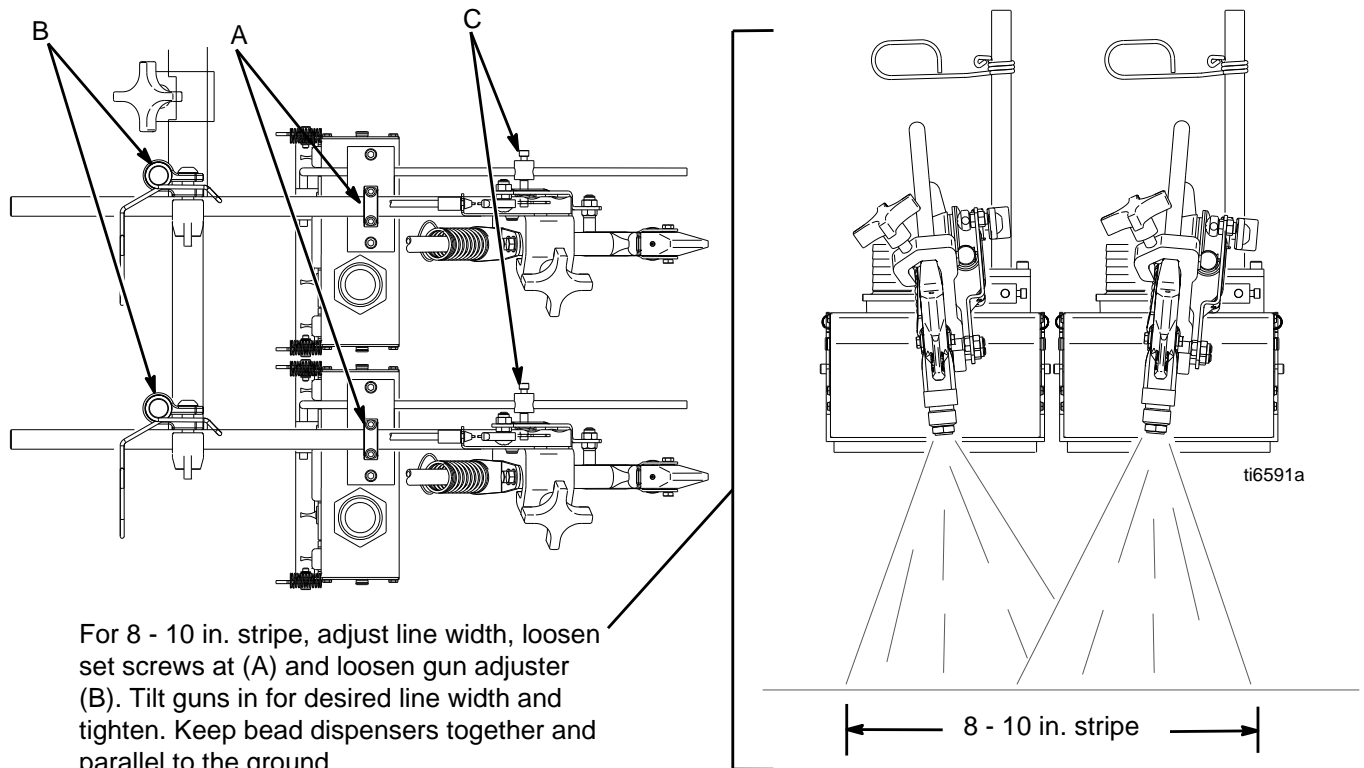
Do not get beads in paint. Beads contaminating the paint supply can damage the pump. Make sure paint supply is covered during bead filling and handling.



Requires two guns and one 12 in. bead dispenser (see following page for 8 - 10 in. stripe gun orientation).



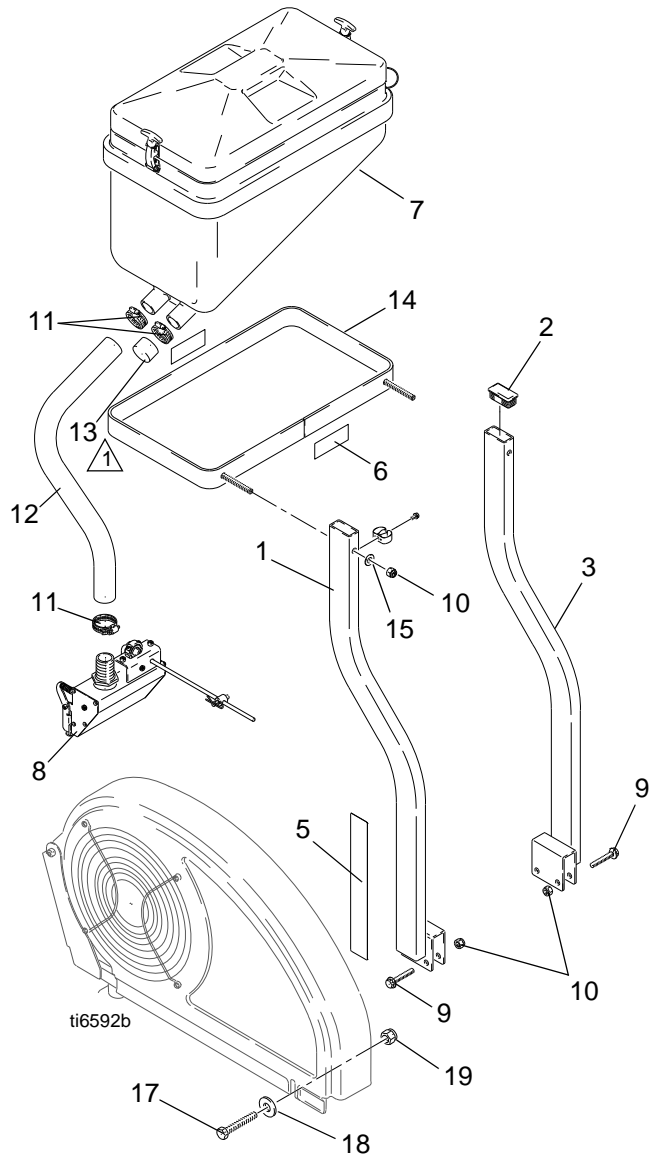
## Gun Orientation for 8 - 12 in. Stripe Operation



**NOTE:** To avoid glass beads clumping, do NOT store beads in hopper when not in use. Make sure to run beads out of system when done.

# Bead Dispenser Kit - Parts List

## (LineLazer IV & V 3900, 5900, 130HS, 200HS, ES1000)



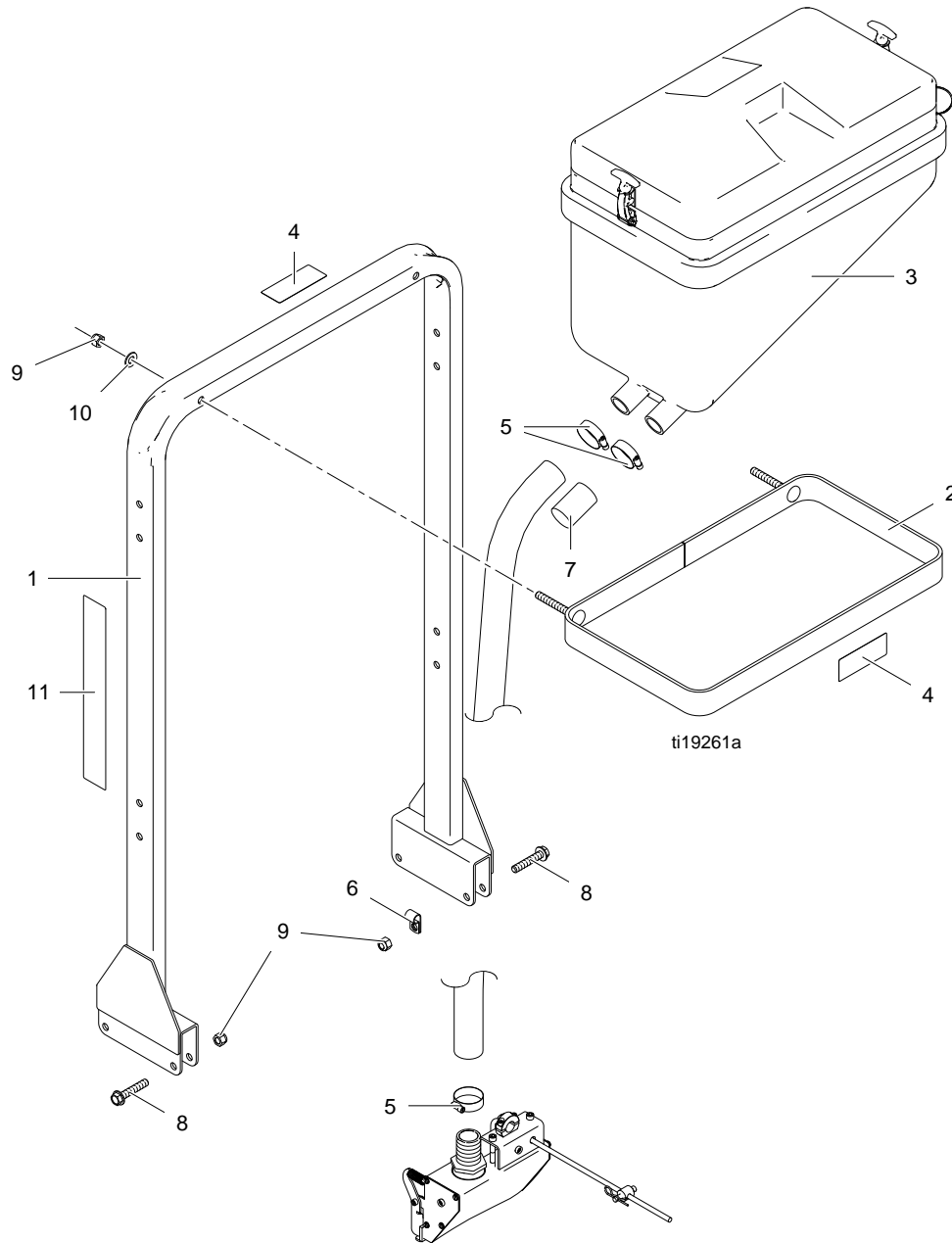
1 Remove cap (13) and install second hose (12) and clamp (11) for 12-inch bead dispenser

Ref.	Part	Description	Qty
	277065	KIT, bead system	1
1	15F581	. LEG, hopper, RH (painted)	1
2	115087	. PLUG, tubing	2
3	15F582	. LEG, hopper, LH (painted)	1
5	194666	. LABEL, identification	2
6▲	194668	. LABEL, warning	2
7	241437	. HOPPER, beads	1
8		. DISPENSER ASSY KIT (includes 8, 11, 12)	
	277067	. 6-in. Dispenser Assy (Parts List, page 7)	1
	245516	. 12-in. dispenser Assy (Parts List, page 8)	1
9	121488	. SCREW, cap, flng hd	4
10	101566	. NUT, lock	6
11	101818	. CLAMP, hose	3
12	194682	. HOSE, beads	1
13	403237	. CAP	1
14	287680	RING, hopper, frame	1
15	100731	WASHER	2
17	114988	SCREW, cap, hex hd	1
18	100527	WASHER, plain	1
19	102040	NUT, lock, hex	1

▲ Replacement Warning labels are available at no cost.

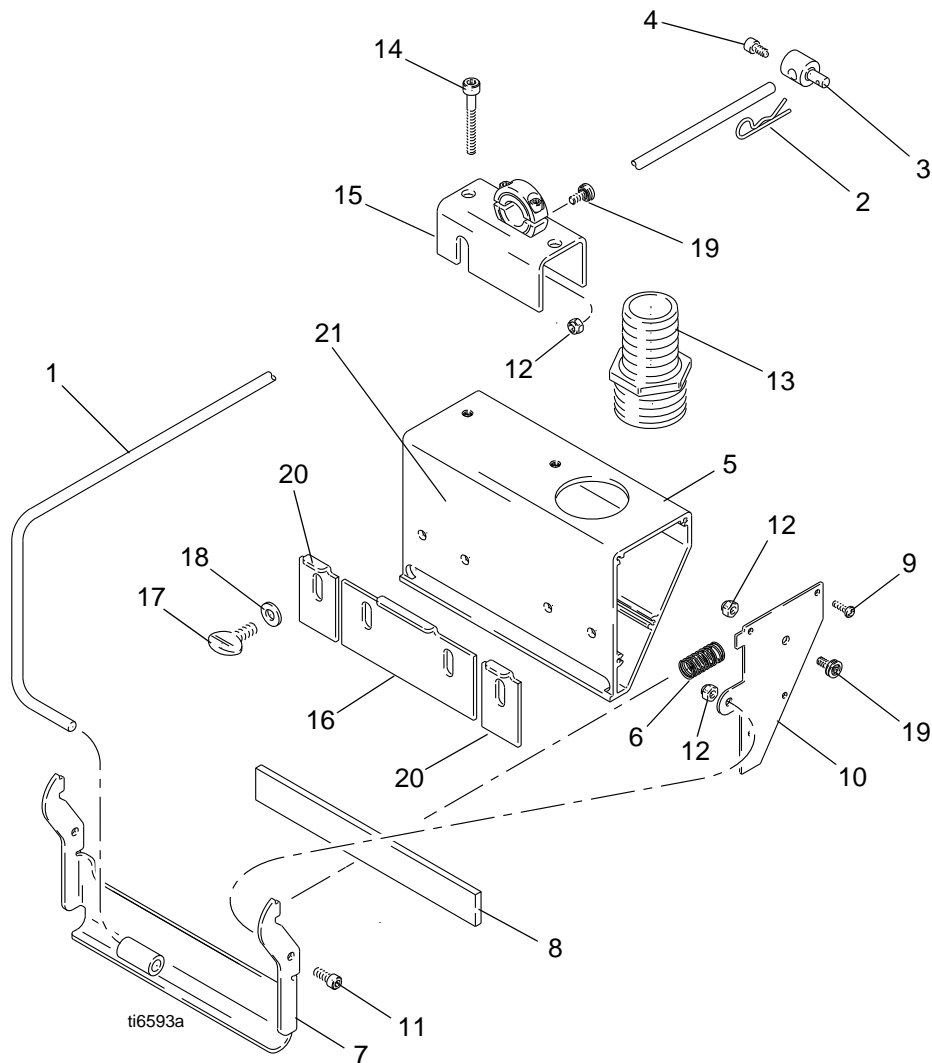
# Bead Hopper Kit - Parts List

## (LL250SPS, LL250DC)



Ref.	Part	Description	Qty	Ref.	Part	Description	Qty
1	16N607	FRAME, bead mount, LL250, paint	1	8	111194	SCREW, cap flange HD	4
2	287680	RING, hopper, frame	1	9	101566	NUT, lock	6
3	241437	HOPPER, beads	1	10	100731	WASHER	2
4▲	194668	LABEL, warning	2	11	194666	LABEL, Linelazer, EZ bead system	2
5	101818	CLAMP, hose	1	▲ Replacement Warning labels are available at no cost.			
6	113984	CLAMP, cable	1				
7	403237	CAP, missing	1				

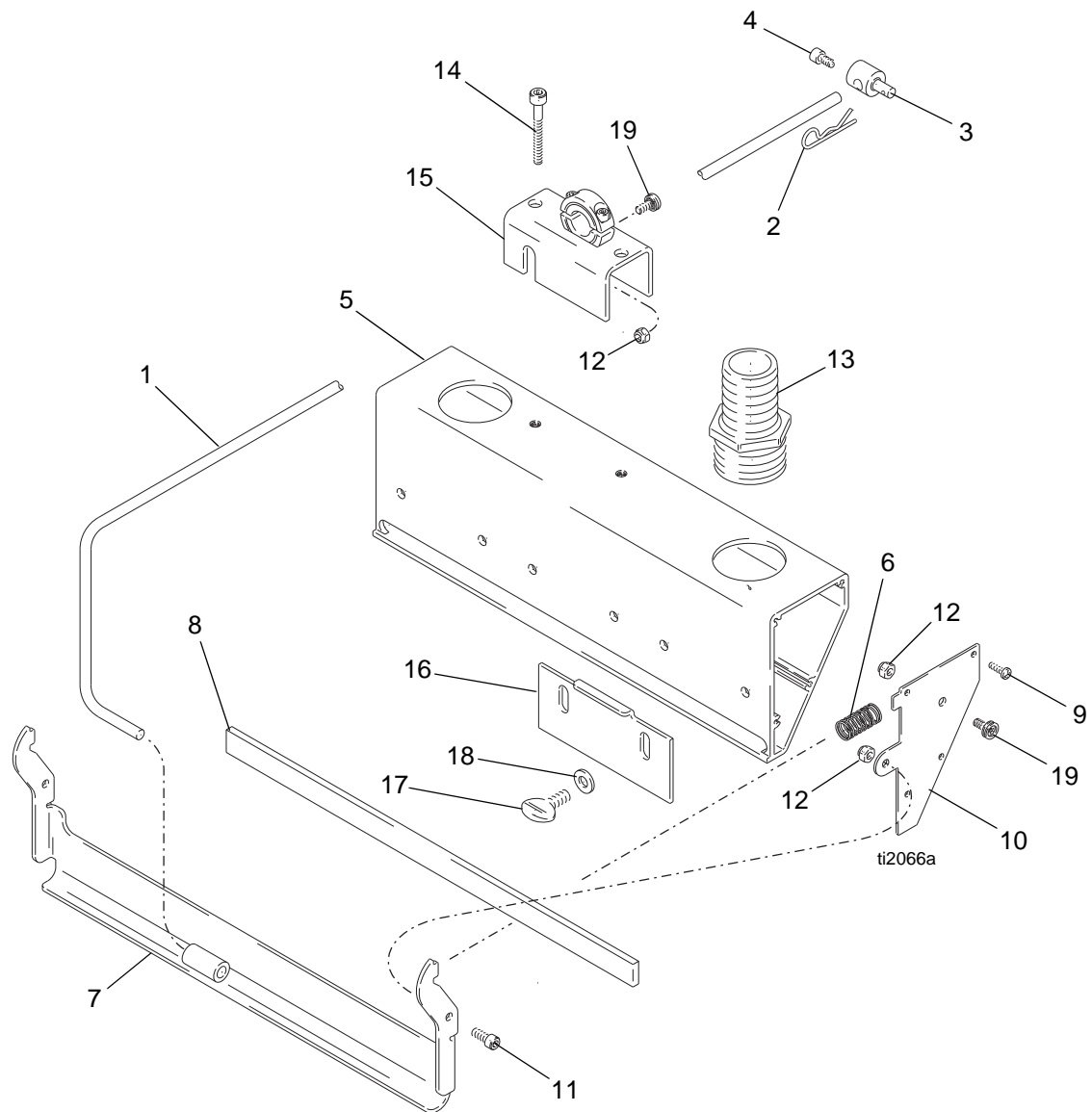
# 6-Inch Dispenser Assembly - Parts List



Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
	277067	DISPENSER ASSY KIT, beads (see item 8, Bead Dispenser Kit Parts List)		10	198376	. CAP, end, bead dispenser	2
1	198379	. ROD, connecting	1	11	102598	. SCREW, cap, sch	2
2	114814	. PIN, bridge	1	12	115483	. NUT, lock	5
3	15A264	. LINK, mounting, adjustable	1	13	116998	. FITTING, hose, barb	1
4	198058	. SCREW, cap, schd, 10-24 x 3/8	1	14	101885	. SCREW, cap, sch	2
5	15F363	. HOUSING, dispenser, 6 in.	1	15	245679	. BLOCK, mounting	2
6	117155	. SPRING, compression	2	16	198380	. PLATE, slide	1
7	15F357	. DOOR, dispenser, 6 in.	1	17	100085	. SCREW, thumb	4
8	15F366	. PAD, foam, 6 in.	1	18	100086	. WASHER	4
9	117576	. SCREW, machine, hex wash hd	8	19	117275	. STUD, button, snap	3
				20	15F367	. PLATE, slide	2
				21	166362	. LABEL, identification	1



# 12-Inch Dispenser Assembly - Parts List



Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
	245516	DISPENSER ASSY KIT, beads (see item 8, Bead Dispenser Kit Parts List)		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	117275	. STUD, button, snap	3

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Original instructions. This manual contains English. MM 311068

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