



INSTRUCTIONS

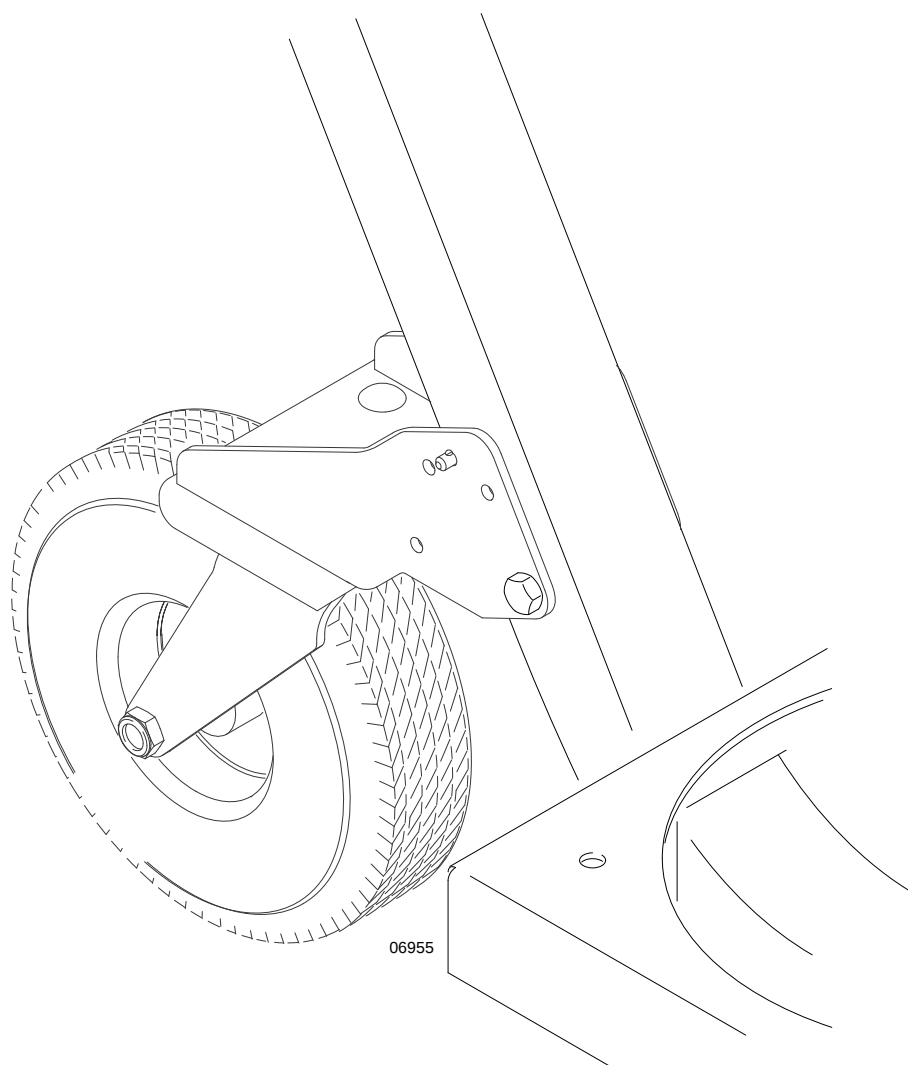
KEEP FOR REFERENCE.

Read manual 308-685 for important warnings and instructions.

LineLazer 3000

Caster Swivel Kit

Model 239-281



Assembly

Pressure Relief Procedure

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** in your sprayer manual 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.

1. Relieve pressure. See **Pressure Relief Procedure** in manual 308–685.

Swivel Caster Assembly

CAUTION

Cart handle tube can be damaged. Take care not to use excessive force when installing flanged bushings.

1. Fig. 1. Install two flanged bushings (19) by press fitting, or tapping with soft hammer, into holes located on lower part of cart handle tube (A).

2. Insert pin bushing (8) into hole (B) above flanged bushing. Secure with jam nut (7) using Loctite from tube supplied.
3. Slide caster mounting bracket (1) over flanged bushings and attach with hex head cap screw (17), and one washer (11) on each side bracket.
4. Slide key ring (9) of chain (10) on end of cap screw and fasten with washer (11) and nut (18). Do not overtighten.

5. Tip up wheel to storage position and insert hitch pin (6) through bracket and pin bushing.

6. Remove cable guide (C) and arm support clamp (D) from gun support bracket (E) on cart.

Note: Keep hole of arm support clamp forward when re-installing. See Fig. 1.

7. Slide lower collar (14) on gun support bracket. Hand tighten.

8. Re-install arm support clamp on gun support bracket and tighten.

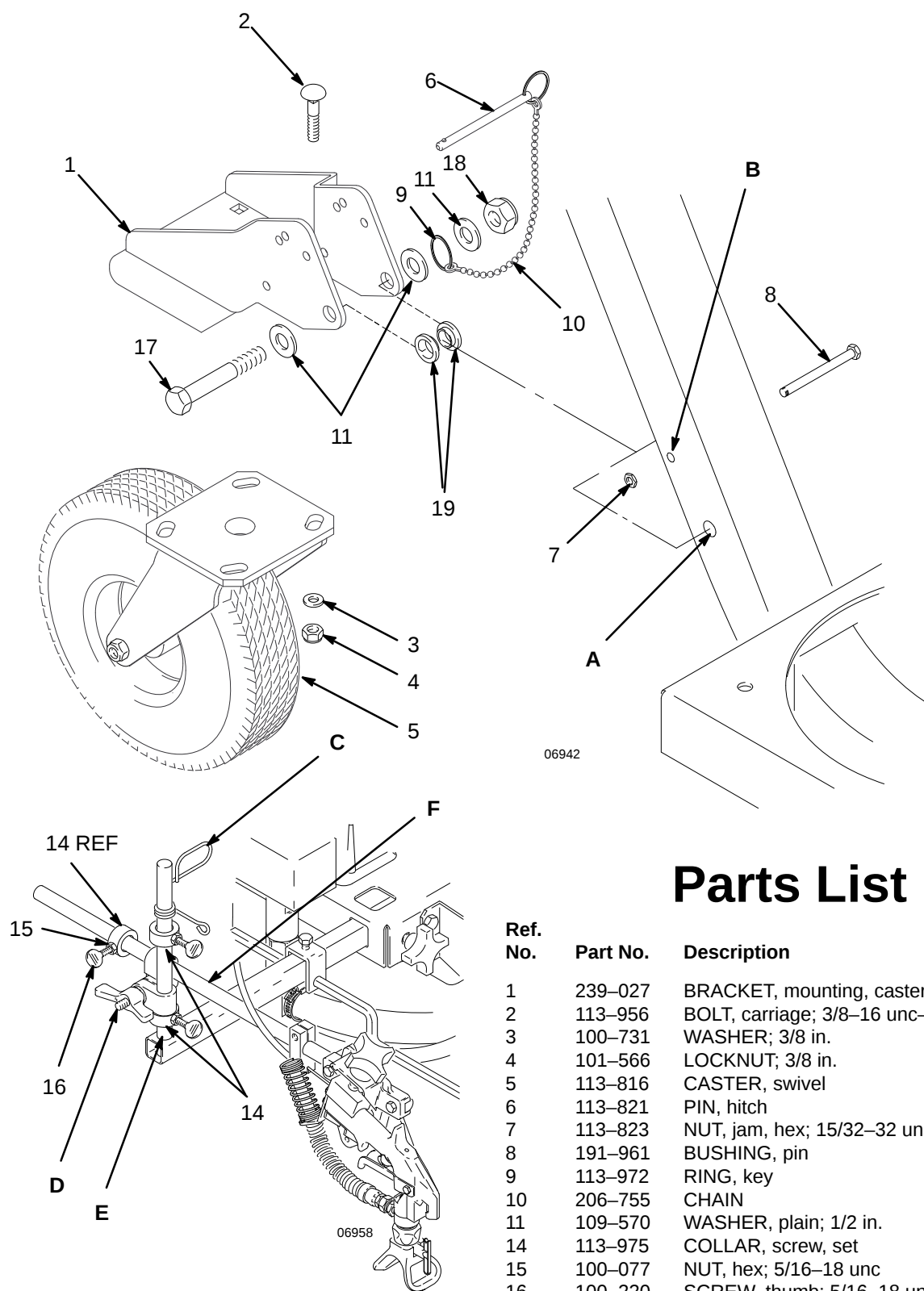
Note: Make sure hole of clamp is facing forward. See Fig. 1.

9. Put upper collar (14) on gun support bracket. Hand tighten.

10. Re-install cable guide.

11. Slide stop collar (14) onto back of spray gun arm (F). Hand tighten.

Assembly



Parts List

Ref. No.	Part No.	Description	Qty
1	239-027	BRACKET, mounting, caster	1
2	113-956	BOLT, carriage; 3/8-16 unc-2a x 1 in.	4
3	100-731	WASHER; 3/8 in.	4
4	101-566	LOCKNUT; 3/8 in.	4
5	113-816	CASTER, swivel	1
6	113-821	PIN, hitch	1
7	113-823	NUT, jam, hex; 15/32-32 uns	1
8	191-961	BUSHING, pin	1
9	113-972	RING, key	1
10	206-755	CHAIN	1
11	109-570	WASHER, plain; 1/2 in.	3
14	113-975	COLLAR, screw, set	3
15	100-077	NUT, hex; 5/16-18 unc	3
16	100-220	SCREW, thumb; 5/16-18 unc	3
17	106-123	SCREW, cap, hex hd; 1/2-13 unc-2a	1
18	801-020	NUT, lock, hex; 1/2-13 unc-2b	1
19	113-689	BUSHING, flanged	2

Fig. 1

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Setup

Paint Settings – Straightened

1. Setup the LineLazer 3000 for painting following manual 308–685.
2. Use cardboard or piece of paper to establish straightline paint width.

Paint Settings – Curved

1. Follow **Straightline Paint Settings** above.
2. Fig. 1. Place caster wheel down in one of two operating positions based on operator comfort. Secure with hitch pin (6).
3. Fig. 2. Set upper collar (A) on gun support bracket (B) so it touches top of arm support clamp (C).



CAUTION

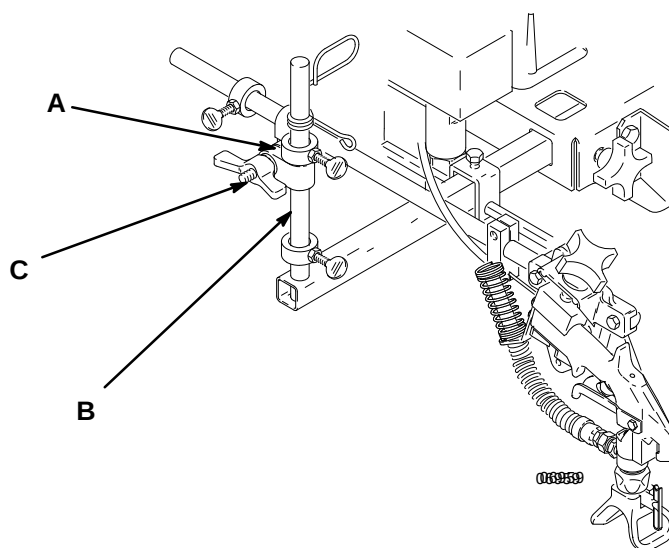
Gun support bracket can be damaged. Do not over tighten thumbscrew.

4. Hand tighten thumbscrew on upper collar and tighten hex nut with wrench. Do not overtighten.
5. Extend spray gun arm (D) to maximum forward position that will be used for painting during day.
6. Set stop collar (E) so it touches back of arm support clamp.
7. Hand tighten thumbscrew on stop collar and tighten hex nut with wrench. Do not overtighten.
8. Have someone press down on cart to engage caster wheel.

Note: Fig. 4. Be sure caster wheel (E) is swiveled to rear of cart and touching ground.
9. Adjust spray gun arm downward to match straightline paint width from step 2 of Straightline Paint Settings.
10. Fig. 2. Set lower collar (F) on gun support bracket so it touches bottom of arm support clamp.
11. Hand tighten thumbscrew on lower collar and tighten hex nut with wrench. Do not overtighten.

Setup

Straightline Paint Settings



Curved Paint Settings

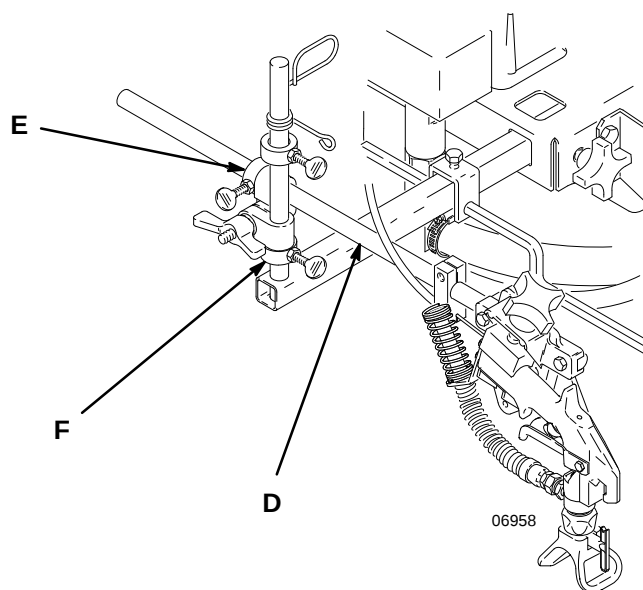


Fig. 2

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Operation

Straightline Painting

1. Fig. 3. For straightline painting, move spray gun arm (A) to pre-set upper collar (B) position.
2. Slide gun arm forward or backward as needed for straightline painting.

Note: For straightline painting and storage, caster wheel automatically swivels forward.

Curved Painting

1. Fig. 4. For curved painting, move spray gun arm (A) to pre-set lower collar (B) position.
2. Slide gun arm forward so pre-set stop collar (C) touches arm support clamp (D). Tighten clamp.

Note: Be sure caster wheel (E) is swiveled to rear of cart and touching ground before painting (Start 3 to 5 feet before painting).

Operation

Straightline Painting

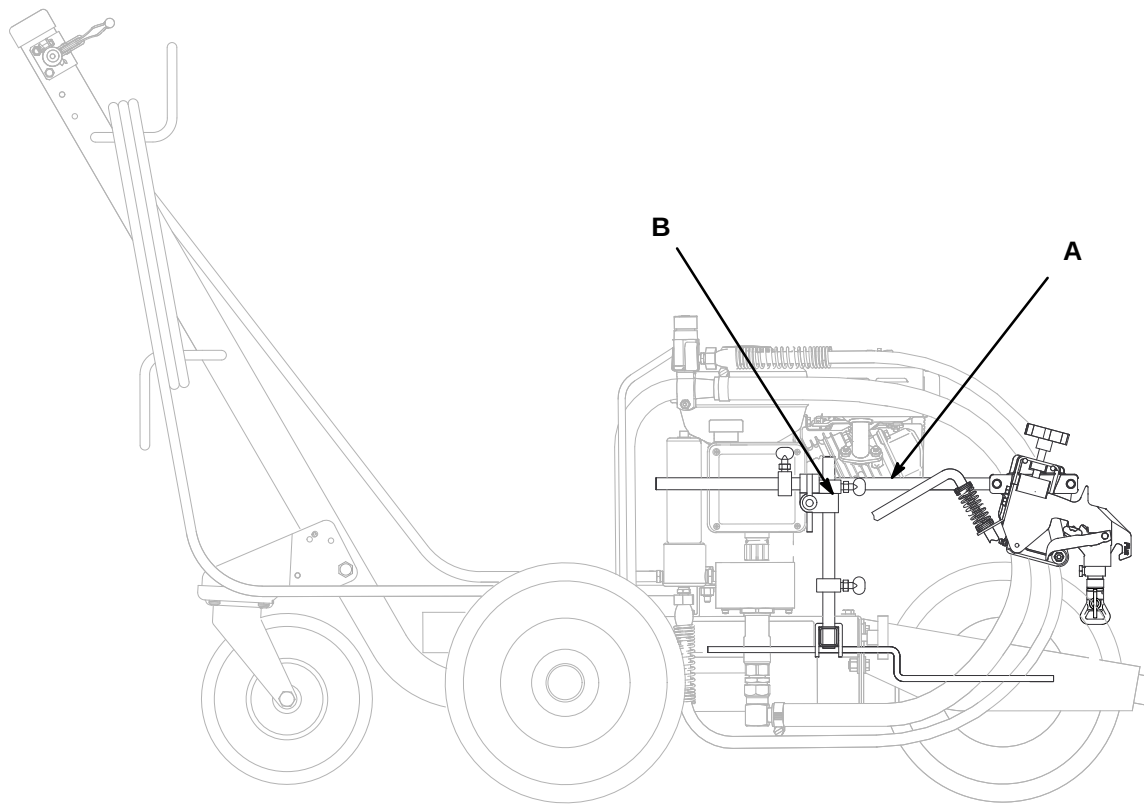


Fig. 3

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Operation

Curved Painting

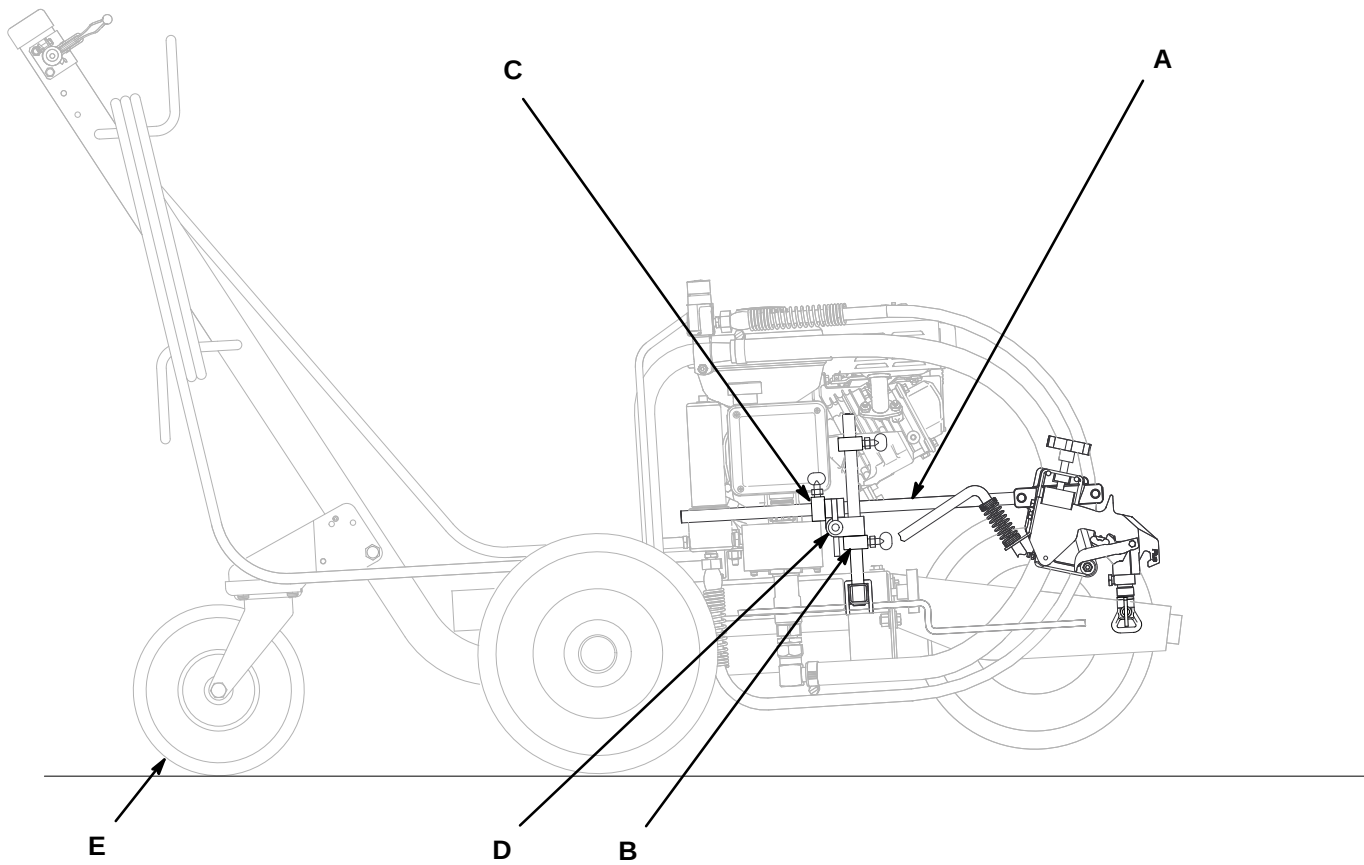


Fig. 4

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