

## Kit, Bead Dispenser LineLazer 3400 Airlessco 3350, 3350SP, 4350 Pioneer 3500, 3500SP

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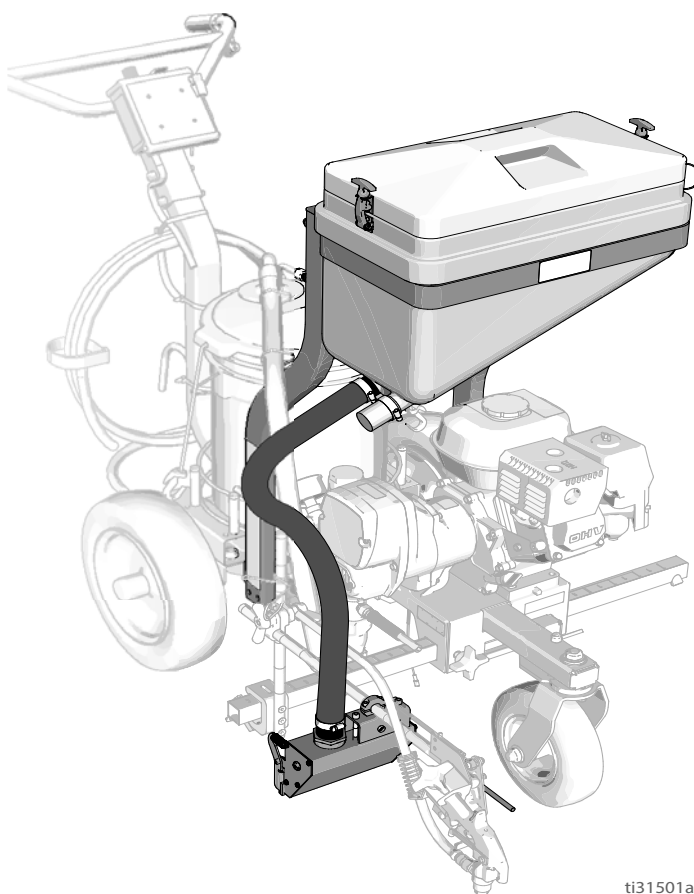
***For application of line striping materials. Not approved for use in European explosive atmosphere locations.***



### Important Safety Instructions

Read all warnings and instructions in this manual and related manuals.  
Be familiar with the controls and the proper usage of the equipment.  
Save these instructions.

| LineLazer 3400<br>Airlessco 3350, 3350SP, 4350<br>Pioneer 3500, 3500SP | Model  | Series |
|------------------------------------------------------------------------|--------|--------|
| Glass bead system with one 6-in. (152 mm) dispenser                    | 24Z726 | A      |
| Glass bead system with 12-in. (305 mm) dispensers                      | 24Z727 | 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) wind deflector with aluminum dispenser                 | 245520 | A      |



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# Bead Dispenser Kit

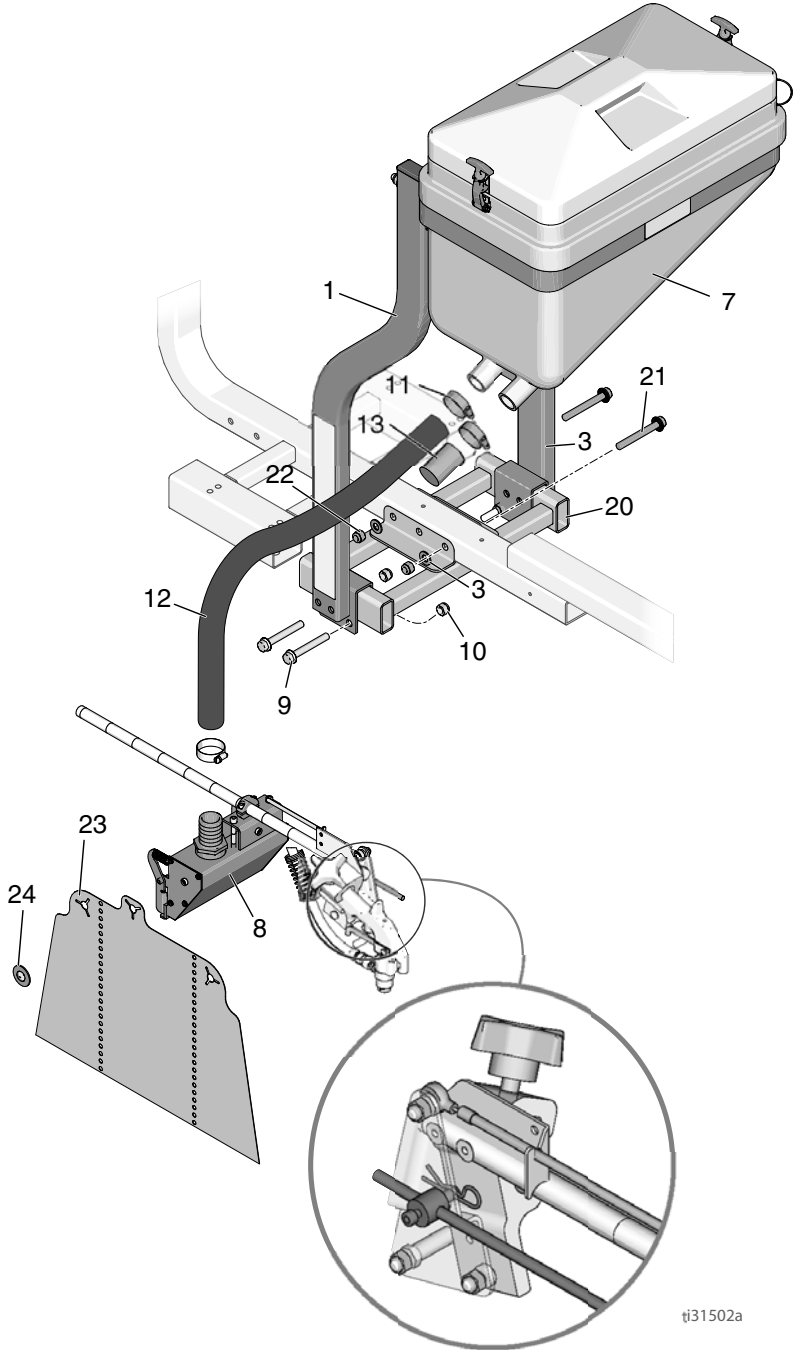
## Setup



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

1. Perform **Pressure Relief Procedure** (see sprayer manual).
  2. Attach bead mounting bracket (20) to frame.
  3. Bolt bead hopper frame legs (1, 3) to bracket (20) 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.

Bead Dispenser Kit



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## 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

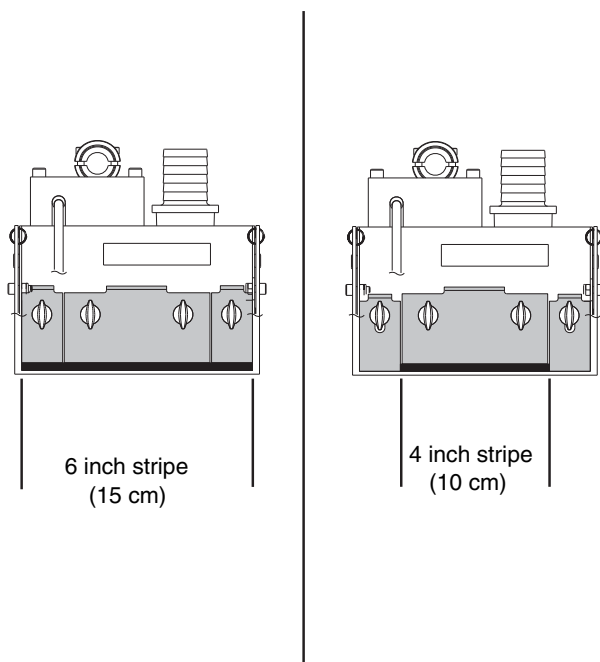
Operate the striper as in normal striper operation. Refer to LineLazer Repair manual for paint spray tip recommendations.

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.

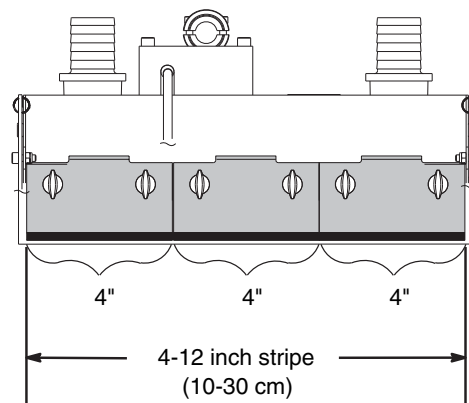
**NOTE:** To avoid bead stoppage, do not use wet beads or beads that have absorbed moisture. If bead stoppage is occurring, replace with dry beads.

### 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.

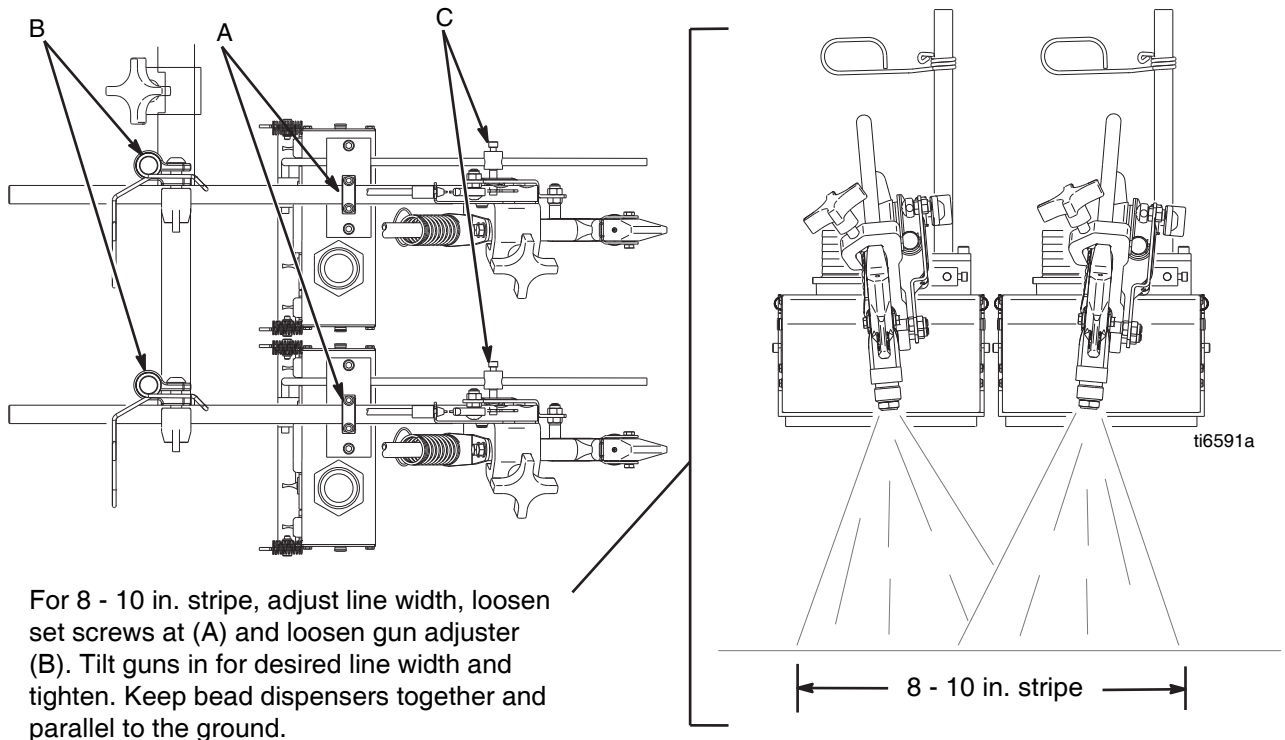


Requires two guns and one 12 in. bead dispenser (see following page for 8 - 10 in. stripe gun orientation).



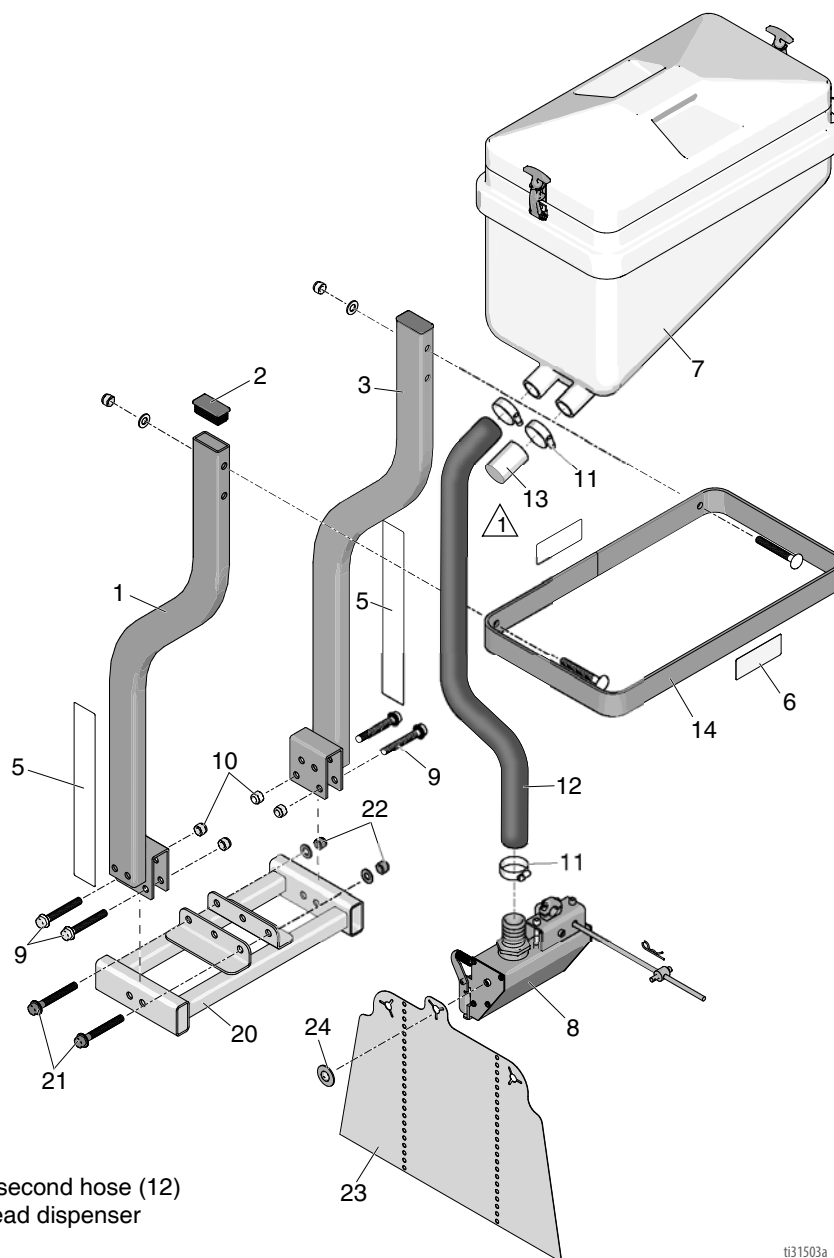
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## Gun Orientation for 8 - 12 in. Stripe Operation



**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



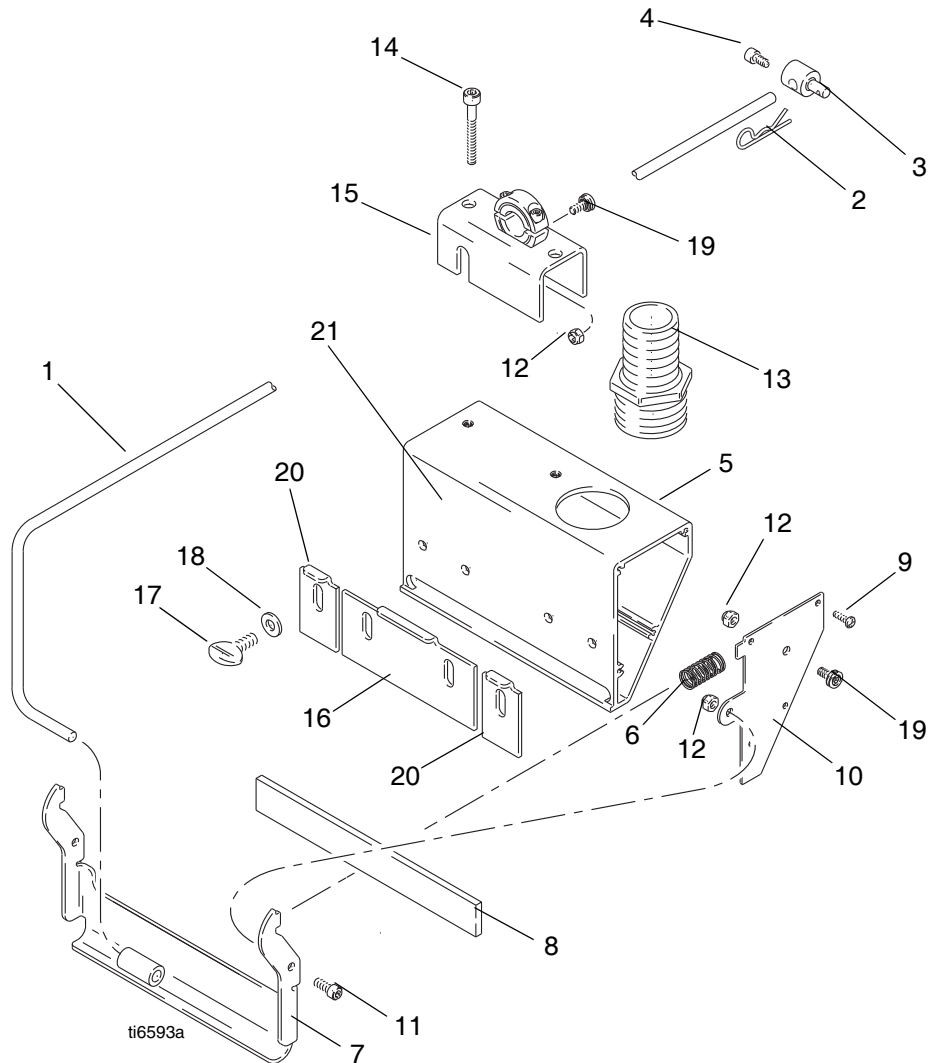
△ Remove cap (13) and install second hose (12) and clamp (11) for 12-inch bead dispenser

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| Ref. | Part   | Description                                  | Qty. | Ref. | Part                                   | Description          | Qty. |
|------|--------|----------------------------------------------|------|------|----------------------------------------|----------------------|------|
|      | 24Z726 | KIT, bead system                             |      | Ref  | 12                                     | 194682 . HOSE, beads | 1    |
| 1    | 15F581 | . LEG, hopper, RH (painted)                  | 1    | 13   | 403237 . CAP                           |                      | 1    |
| 2    | 115087 | . PLUG, tubing                               | 2    | 14   | 287680 RING, hopper, frame             |                      | 1    |
| 3    | 15F582 | . LEG, hopper, LH (painted)                  | 1    | 15   | 100731 WASHER                          |                      | 2    |
| 5    | 194666 | . LABEL, identification                      | 2    | 17   | 114988 SCREW, cap, hex hd              |                      | 1    |
| 6▲   | 194668 | . LABEL, warning                             | 2    | 18   | 100527 WASHER, plain                   |                      | 1    |
| 7    | 241437 | . HOPPER, beads                              | 1    | 19   | 102040 NUT, lock, hex                  |                      | 1    |
| 8    |        | . DISPENSER ASSY KIT (includes 8, 11, 12)    |      | 20   | 17N513 FRAME, mount, bead kit, painted |                      | 1    |
|      | 277067 | . 6-in. Dispenser Assy (Parts List, page 7)  | 1    | 21   | 125626 SCREW, hex hd, flanged          |                      | 2    |
|      | 245516 | . 12-in. dispenser Assy (Parts List, page 8) | 1    | 22   |                                        |                      | 2    |
| 9    | 121488 | . SCREW, cap, flng hd                        | 4    | 23   | WIND DEFLECTOR                         |                      | 1    |
| 10   | 101566 | . NUT, lock                                  | 6    |      | 277066 6" deflector                    |                      |      |
| 11   | 101818 | . CLAMP, hose                                | 3    |      | 245520 12" deflector                   |                      | 1    |
|      |        |                                              |      | 24   | 198572 WASHER                          |                      | 1    |

▲ Replacement Warning labels are available at no cost.

# 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    |

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Original instructions. This manual contains English. MM 3A5205

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