

Assembly Instructions



Insecticide VE kit

Kit Number: 6001936 / 6001942

1.1 Introduction

These instructions apply to the following models.

This kit cannot be used with:

Positive air meter planters

15 inch spaced planters

Model	Serial number
9108 VE	All
9812 VE, 9816 VE, 9824 VE	All

Shipping damage and missing parts

Inspect the machine and parts carefully for possible damage that occurred during shipping. Contact the shipping company immediately if damage is found.

Order any missing parts (see the bill of material in these instructions).

Illustrations

The illustrations used will not always be identical to your specific model or configuration. However, the procedure shown is the same unless otherwise noted.

Direction references

Right and left, as used in these installation instructions, are determined by facing the direction the machine will travel when in use.

Bolt torques

Always replace hardware with the same grade or class. Tighten all hardware according to torque values listed in the machine service manual unless otherwise specified in these instructions.

1.2 Important safety information



This is the safety alert symbol. It means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED! It will direct your attention to information that concerns your safety.



Read and understand all safety information in the machine operator's manual before continuing with these instructions.

Most personal injuries are the result of failure to observe basic safety rules and precautions. In most cases, an injury can be avoided by recognizing hazardous situations before an injury occurs and taking appropriate action to remove or avoid the hazard.

The person installing this kit must have the necessary training, skills, and tools.



WARNING:

To avoid personal injury and/or machine damage, do the following before starting to install this kit:

- Use personal safety equipment appropriate to the task such as:
 - Protective eye wear
 - Gloves
 - Steel-toed shoes
 - Hearing protection
- Park the machine on a solid level surface.
- Disengage the power take-off (PTO), if equipped.
- Put the transmission in the parking position and apply the park brake.
- Turn off the control console.
- Stop the engine and take the key with you.
- Look and Listen! Make sure all moving parts have stopped.
- Put blocks in front of and behind the machine wheels before working on or under the machine.
- Remove or relieve all sources of stored energy such as:
 - Disconnect the battery
 - Relieve hydraulic or fuel pressure
 - Relieve air pressure
 - Relieve or block mechanical spring pressure
 - Properly block or lock pivoting joints
- Clean oil, dirt, and crop material from the area on the machine where the work is to be done.

1.3 Bill of material for kit 6001942

Bill of material for bundle 700961425

Number	Quantity	Description
700208426	2	Light bracket assembly, left
700747219	2	Hose
700209228	2	Insecticide hopper assembly - VE
ACW2413000	2	Insecticide tube assembly
DB32601	2	Band spreader, insecticide
700208421	2	Light bracket assembly, right
700209231	2	Sack of parts
700746019	2	Harness extension
700717402	1	Reflector - red
700717404	1	Reflector - red - orange
700717403	1	Reflector - yellow
700744949	2	Safety decal, chemical, CE

Sack of parts 700209231

Number	Quantity	Description
852197	1	Connector
5000030X1	1	M12 x 1.75 flange top lock nut
3009221X1	1	M12 x 1.75 x 35 flange screw
3012147X1	8	M6 x 1.0 x 45 flange screw
3012145X1	4	M6 x 1.0 x 35 flange screw
5000027X1	12	M6 x 1.0 nut
7020019	3	Hose clamp
700711557	1	0.5 inch plain washer
700195192	1	Short bracket
700195193	1	Long bracket
339139X1	2	M12 x 1.75 x25 flange screw

Bill of material for bundle 700961426

Number	Quantity	Description
700208429	2	Light support

1.4 Bill of material for kit 6001936

Bill of material for bundle 700961425

Number	Quantity	Description
700208426	2	Light bracket assembly, left
700747219	2	Hose
700209228	2	Insecticide hopper assembly - VE
ACW2413000	2	Insecticide tube assembly
DB32601	2	Band spreader, insecticide
700208421	2	Light bracket assembly, right
700209231	2	Sack of parts
700746019	2	Harness extension
700717402	1	Reflector - red
700717404	1	Reflector - red - orange
700717403	1	Reflector - yellow
700744949	2	Safety decal, chemical, CE

Sack of parts 700209231

Number	Quantity	Description
852197	1	Connector
5000030X1	1	M12 x 1.75 flange top lock nut
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3012147X1	8	M6 x 1.0 x 45 flange screw
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5000027X1	12	M6 x 1.0 nut
7020019	3	Hose clamp
700711557	1	0.5 inch plain washer
700195192	1	Short bracket
700195193	1	Long bracket
339139X1	1	M12 x 1.75 x 25 flange screw

1.5 Install the insecticide attachment with 1.9 bushel hoppers

Procedure

1. Remove the seed from the 1.9 bushel hoppers.
2. Remove the seed meter and 1.9 bushel hopper assembly by releasing the hopper latches (1). Tilt the hopper forward and lift the hopper up.
3. Remove the plastic plugs (2).

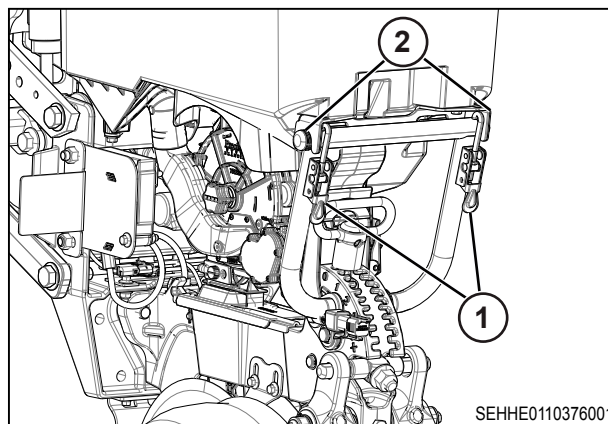


Fig. 1

4. Attach the left bracket (1) onto the row unit with the existing hardware (3). Do the same with the right bracket (2).
5. Remove the plastic plugs (4).

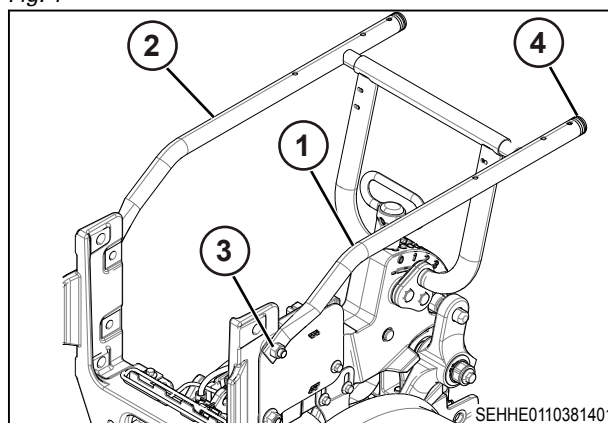


Fig. 2

Ref.	Number	Qty	Description
1	700208426	1	Light bracket assembly, left
2	700208421	1	Light bracket assembly, right

6. Install the tube (1) onto the brackets. Use four flange screws (2) and four flange nuts (3).

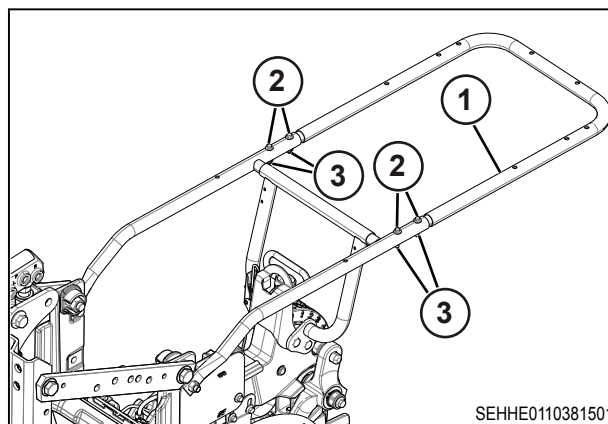


Fig. 3

Ref.	Number	Qty	Description
1	ACW2413000	1	Tube
2	3012145X1	4	M6 x 1.0 x 35 flange screw
3	5000027X1	4	M6 x 1.0 flange nut

7. Install the insecticide hopper assembly (1) to the tube (2). Use eight flange screws (3) and eight flange nuts (4).

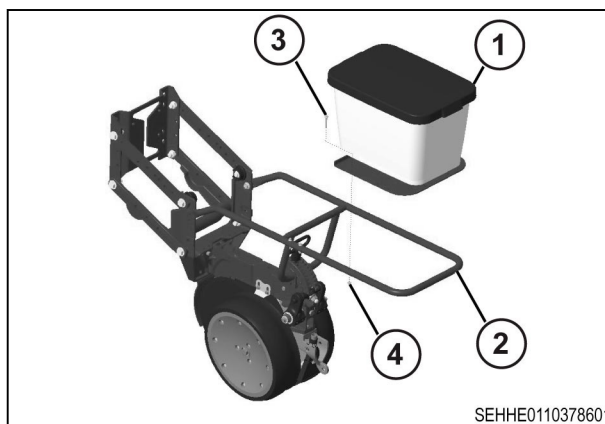


Fig. 4

Ref.	Number	Qty	Description
1	700209228	1	Hopper assembly
3	3012147X1	8	M6 x 1.0 x 45 flange screw
4	5000027X1	8	M6 x 1.0 flange nut

8. Connect the extension (1) with the electrical harness (2).

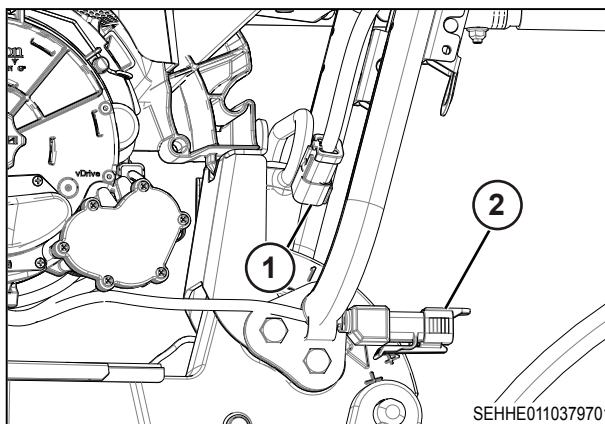


Fig. 5

9. If you use a band spreader (1), loosen or remove the bolt (2) at the bottom of the row unit casting. Install the short bracket (3) onto the bolt. Tighten the bolt.
10. From the kit, install the hose (4) onto a connector (5). Install the connector into the band spreader. Attach a hose clamp (6) around the short bracket and the connector.

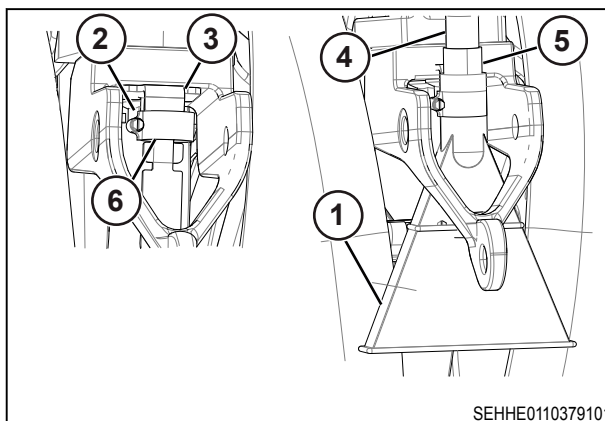


Fig. 6

Ref.	Number	Qty	Description
1	DB32601	1	Band spreader, insecticide
3	700195192	1	Short bracket
4	700747219	1	Hose
5	852197	1	Connector
6	7020019	1	Hose clamp

11. If you use the hose in the seed trench, install the long bracket (1). Loosen or remove the bolt (2) at the bottom of the row unit casting. Move the long bracket onto the bolt. Tighten the bolt.
12. Install two hose clamps (3) around the hose and long bracket at the notched area.

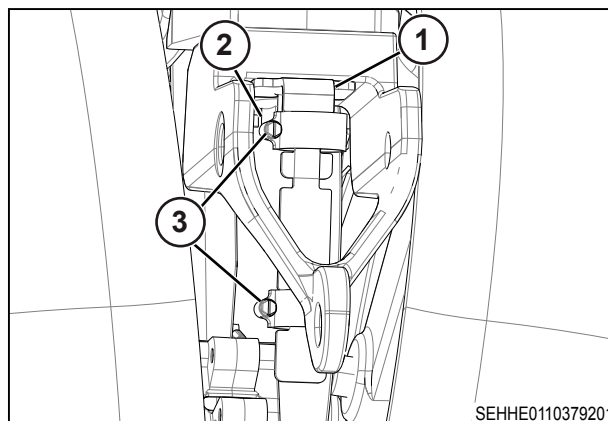


Fig. 7

Ref.	Number	Qty	Description
1	700195193	1	Long bracket
3	7020019	1	Hose clamp

13. Install the hose (1) to the funnel (2) below the hopper. Connect with a hose clamp (3) from the kit.

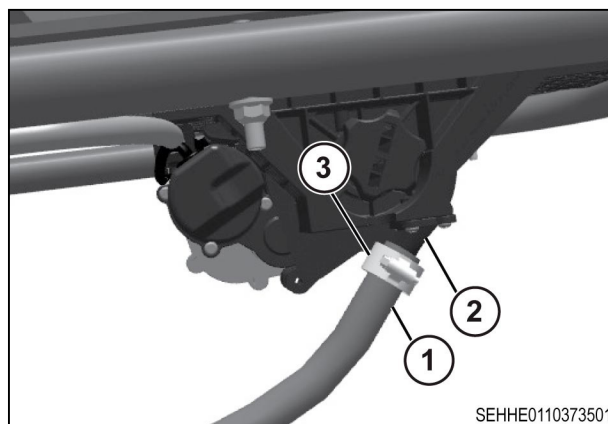


Fig. 8

14. For planters sold outside of North America, remove the safety decal (1) from the chemical hopper cover. Clean the machine surface with a cleaning solution before you replace the safety decal.
15. Install the no-text safety decal (2) in the same location.

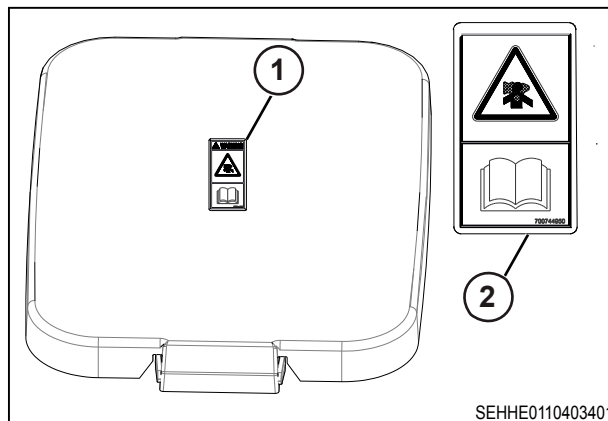
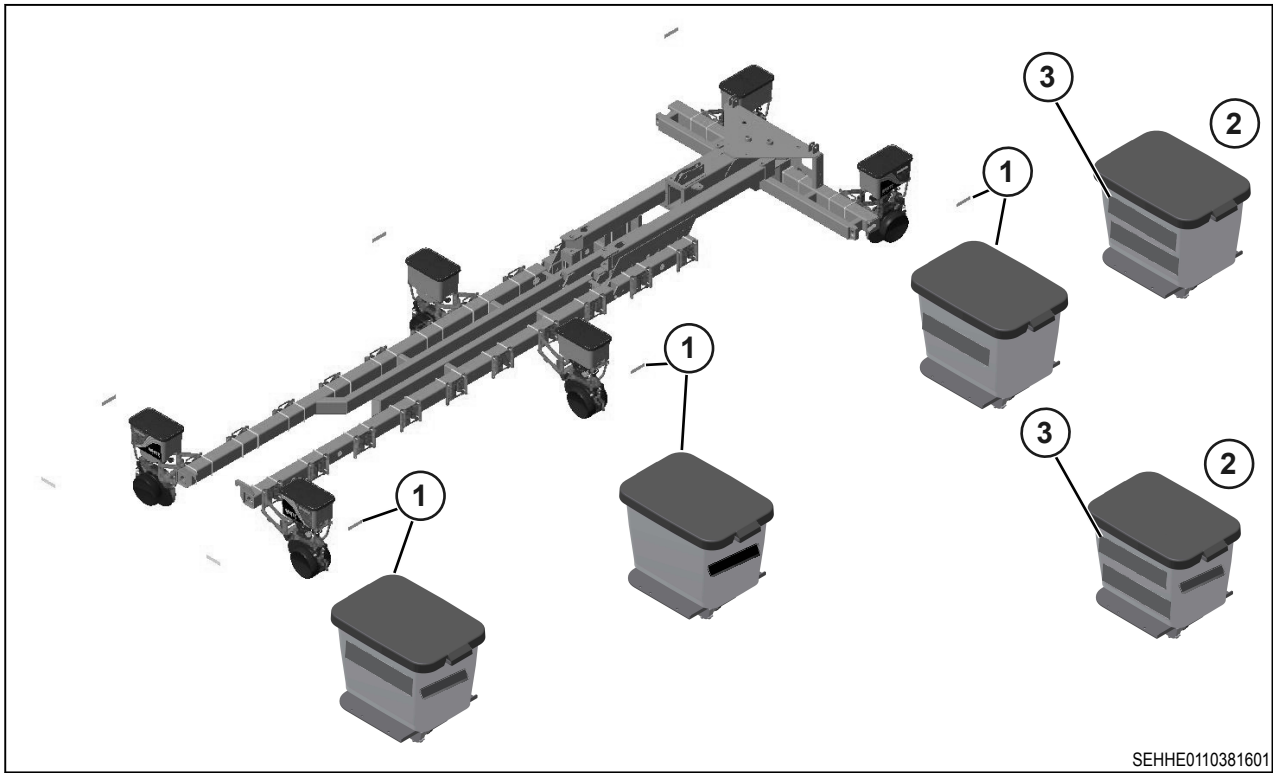


Fig. 9



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Fig. 10

- 16.** Install the new reflectors on the new chemical hoppers. Make sure the locations (1) and the colors are the same as on the existing hoppers. If there are two reflectors (2) on the same side of an existing hopper, make sure the red reflector (3) is in the top position. The model shown is an example.

Ref.	Number	Qty	Description
	700717402	1	Red reflector
	700717404	1	Orange reflector
	700717403	1	Yellow reflector

- 17.** Install the 1.9 bushel hopper.
- 18.** Do these steps again for the remaining row units.

1.6 Install the insecticide attachment with central fill hoppers

Procedure

1. Install the light support (1) from the kit. Discard the existing flange screws from the left side. Discard two washers from the right side (3). Use the hardware from the kit (2) on the left side. Use the existing hardware on the right side. Tighten the hopper support assembly to give support to the insecticide hopper assembly. Be sure to hold the position of the rear post.

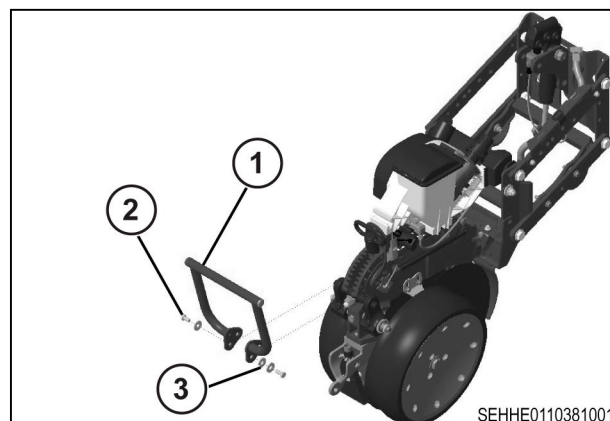


Fig. 11

Ref.	Number	Qty	Description
1	700208429	1	Light support
2	339139X1	1	M12 x 1.75 x 25 Flange screw

2. Attach the left bracket (1) onto the row unit with the existing hardware (3). Do the same with the right bracket (2).
3. Remove the plastic plugs (4).

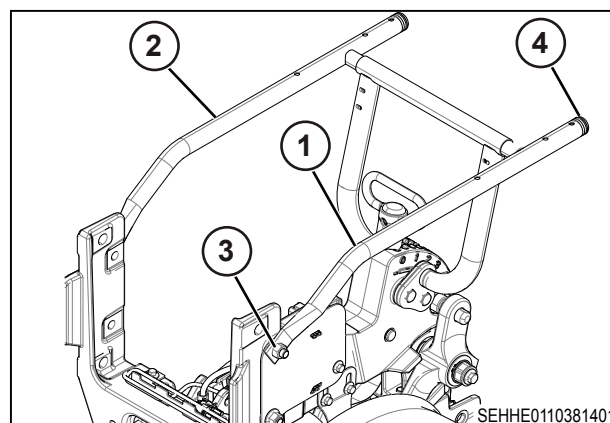


Fig. 12

Ref.	Number	Qty	Description
1	700208426	1	Light bracket assembly, left
2	700208421	1	Light bracket assembly, right

4. Install the tube (1) onto the brackets. Use four flange screws (2) and four flange nuts (3).

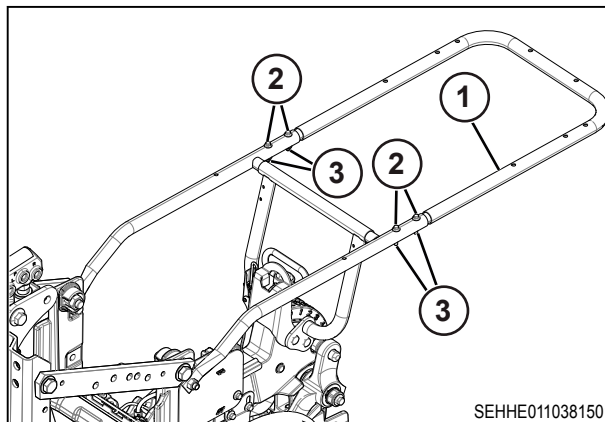


Fig. 13

Ref.	Number	Qty	Description
1	ACW2413000	1	Tube
2	3012145X1	4	M6 x 1.0 x 35 flange screw
3	5000027X1	4	M6 x 1.0 nut

5. Install the insecticide hopper assembly (1) to the tube (2). Use eight flange screws (3) and eight flange nuts (4).

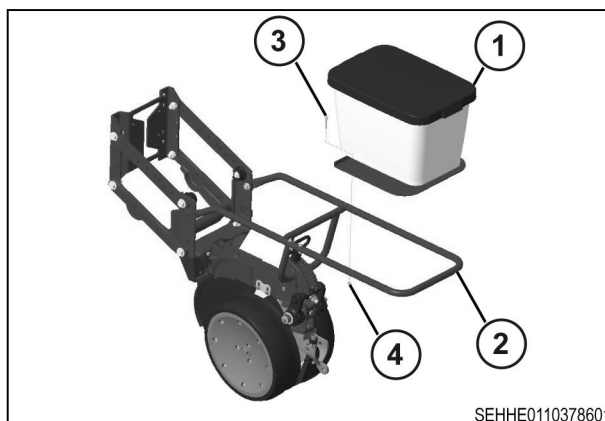


Fig. 14

Ref.	Number	Qty	Description
1	700209228	1	Hopper assembly
3	3012147X1	8	M6 x 1.0 x 45 flange screw
4	5000027X1	8	M6 x 1.0 flange nut

6. Connect the extension (1) with the electrical harness (2).

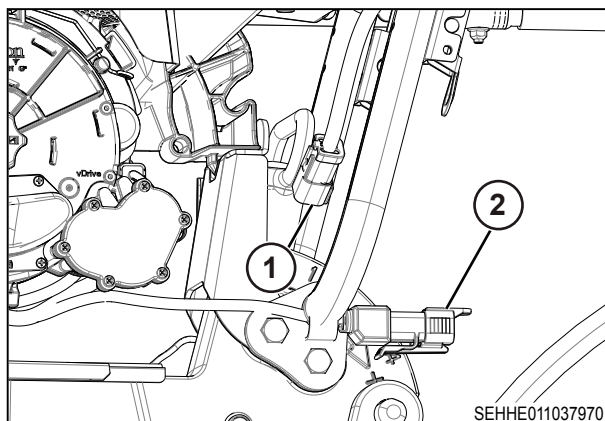


Fig. 15

7. If you use a band spreader (1), loosen or remove the bolt (2) at the bottom of the row unit casting. Install the short bracket (3) onto the bolt. Tighten the bolt.
8. From the kit, install the hose (4) onto a connector (5). Install the connector into the band spreader. Attach a hose clamp (6) around the short bracket and the connector.

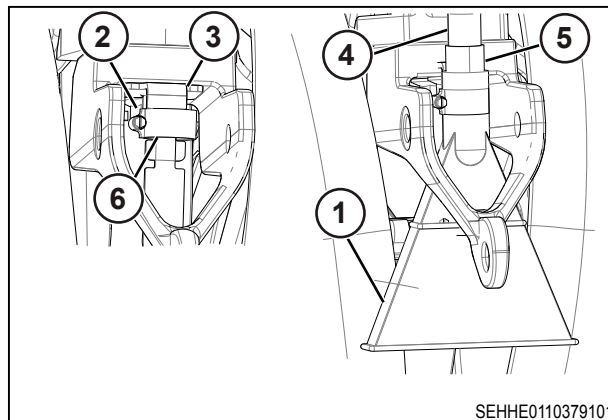


Fig. 16

Ref.	Number	Qty	Description
1	DB32601	1	Band spreader, insecticide
3	700195192	1	Short bracket
4	700747219	1	Hose
5	852197	1	Connector
6	7020019	1	Hose clamp

9. If you use the hose in the seed trench, install the long bracket (1). Loosen or remove the bolt (2) at the bottom of the row unit casting. Move the long bracket onto the bolt. Tighten the bolt.
10. Install two hose clamps (3) around the hose and long bracket at the notched areas.

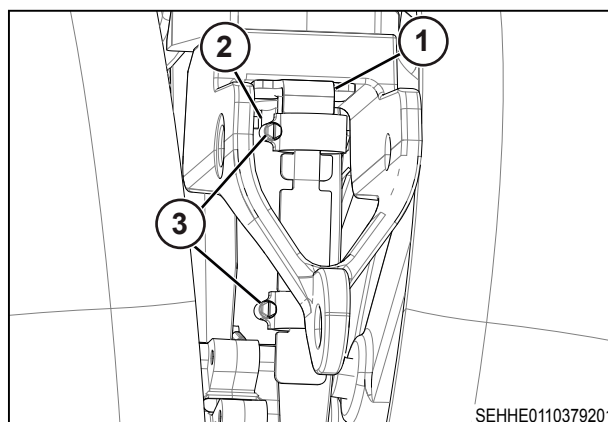


Fig. 17

Ref.	Number	Qty	Description
1	700195193	1	Long bracket
3	7020019	2	Hose clamp

11. Install the hose (1) to the funnel (2) below the hopper. Connect with a hose clamp (3) from the kit.

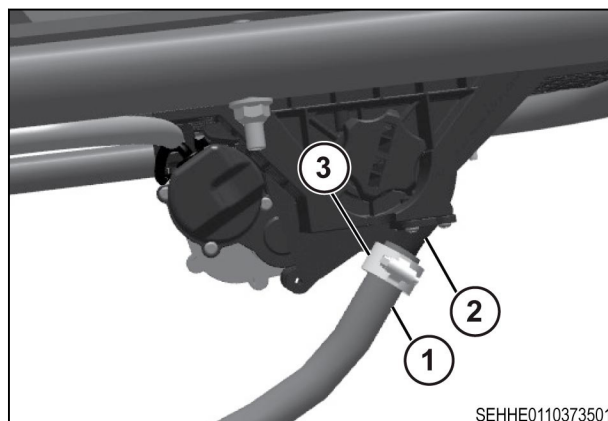


Fig. 18

12. For planters sold outside of North America, remove the safety decal (1) from the chemical hopper cover. Clean the machine surface with a cleaning solution before you replace the safety decal.
13. Install the no-text safety decal (2) in the same location.

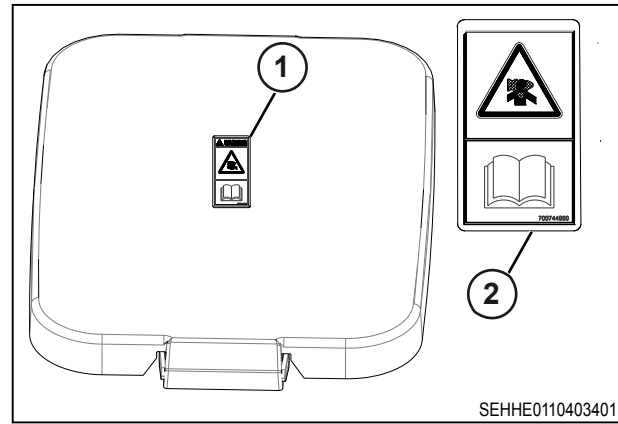


Fig. 19

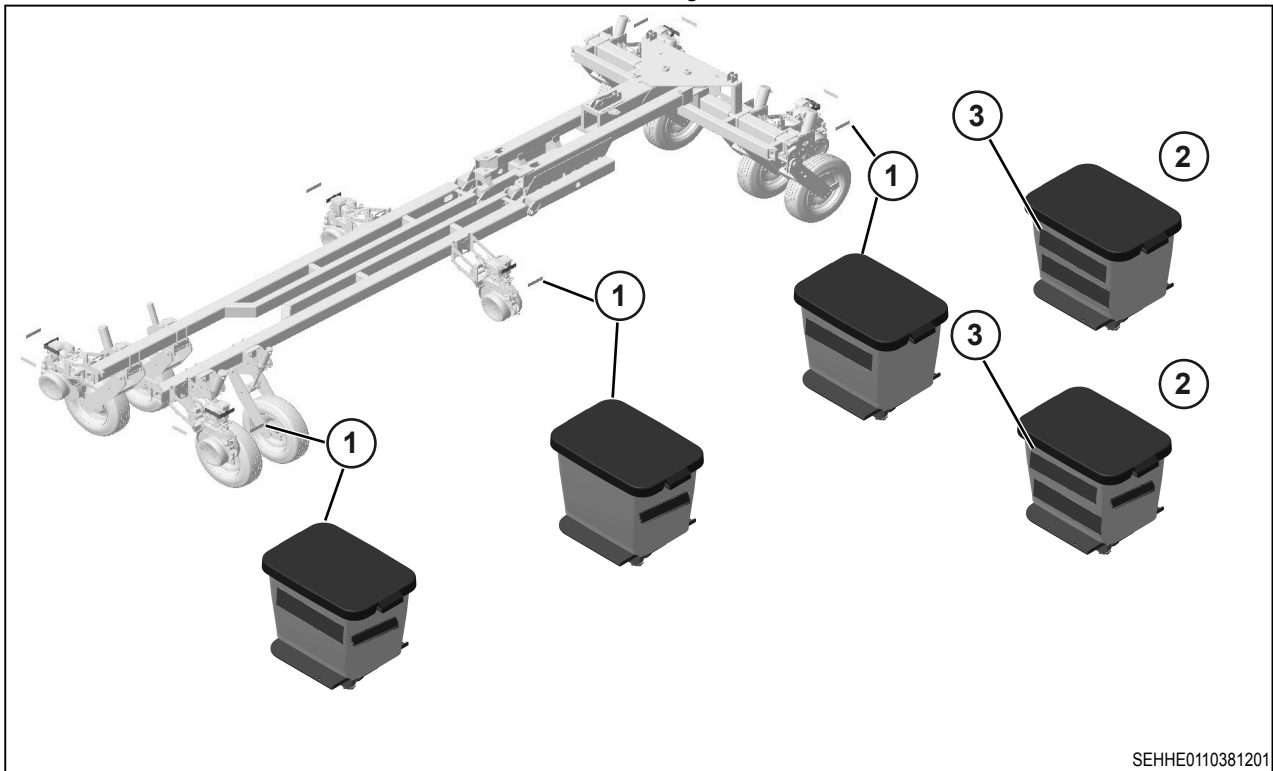


Fig. 20

14. Install the new reflectors on the new chemical hoppers. Make sure the locations (1) and the colors are the same as on the existing hoppers. If there are two reflectors (2) on the same side of an existing hopper, make sure the red reflector (3) is in the top position. The model shown is an example.

Ref.	Number	Qty	Description
	700717402	1	Red reflector
	700717404	1	Orange reflector
	700717403	1	Yellow reflector

15. Install the two bushel hopper.
16. Do these steps again for the remaining row units.

