

# 7 Gallon Iso Tank

## For Models with 30 Gallon Spray System

### Kit No. 135-6647

## Installation Instructions

**Note:** This kit should only be used on models that are equipped with an auxiliary alternator.

## Safety

### Safety Alert Symbol

This Safety Alert Symbol (Figure 1) is used both in this instruction sheet and on the machine to identify important safety messages which must be followed to avoid accidents

This symbol means: **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**



**Figure 1**  
Safety Alert Symbol

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The safety alert symbol appears above information which alerts you to unsafe actions or situations and will be followed by the word **DANGER**, **WARNING**, or **CAUTION**.

**DANGER:** Indicates an imminently hazardous situation which, if not avoided, **Will** result in death or serious injury.

**WARNING:** Indicates a potentially hazardous situation which, if not avoided, **Could** result in death or serious injury.

**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **May** result in minor or moderate injury.

This manual uses two other words to highlight information. **Important** calls attention to special mechanical information and **Note** emphasizes general information worthy of special attention.

### **⚠ WARNING**

While maintenance or adjustments are being made, someone could start the engine. Accidental starting of the engine could seriously injure you or other bystanders.

Remove the key from the ignition switch, engage parking brake, and pull the wire(s) off the spark plug(s) before you do any maintenance. Also push the wire(s) aside so it does not accidentally contact the spark plug(s).

**Note:** Determine the left and right sides of the machine from the normal operating position.

**Note:** Park the unit on a level surface. Make sure all moving parts have stopped, parking brake is engaged, the key has been removed, and the spark plug wire has been disconnected. Allow unit to cool before starting these instructions.

### General Safety

**Important:** Before starting these instructions:

- make sure to wear the appropriate Personal Protective Equipment (PPE) and follow all safety precautions as stated in the Operator's manual.
- make sure the entire spray system has been properly cleaned.

### **⚠ CAUTION**

Chemicals are hazardous and can cause personal injury.

- Read the directions on the chemical labels before handling the chemicals and follow all manufacturer recommendations and precautions.
- Keep chemicals away from your skin. Should contact occur, wash the affected area thoroughly with soap and clean water.
- Wear goggles, gloves, and any other protective equipment recommended by the chemical manufacturer.



# Loose Parts

Use the chart below to verify that all parts have been shipped.

Item No.	Part No.	Description	Qty
1		Asm-Mount-Aux/Iso	1
2	135-6274	Screw-HHF 3/8-16 x 3/4 SS	4
3	135-6628	Block-Terminal	1
4	135-6630	Harness-Wire, Jumper	1
5	135-6356	Screw-HH #10-24 x 3/4 SS	2
6	100-8469	Switch-Rocker	1
7	135-6648	Harness-Accessory	1
8	135-6342	Nut-Hex Flg #10-24 Nyloc SS	4

Item No.	Part No.	Description	Qty
9	1-543393	Insulator-Solenoid	1
10	364-0371	Nut-Hex Nyloc 10-32 UNF	1
11	135-6243	Tray-Spray Wand	1
12	126-2712	Screw-HHF 5/16-18 x 3/4 SS	2
13	135-6109	Nut-Hex Flg 5/16-18 Nyloc SS	2
14	135-5661	Holder-Tool, Clip	1
15	135-6374	Screw-Button Head #10-24 x 1/2 SS	1
99*	3290-378	Tie-Cable	3

\*Not Illustrated

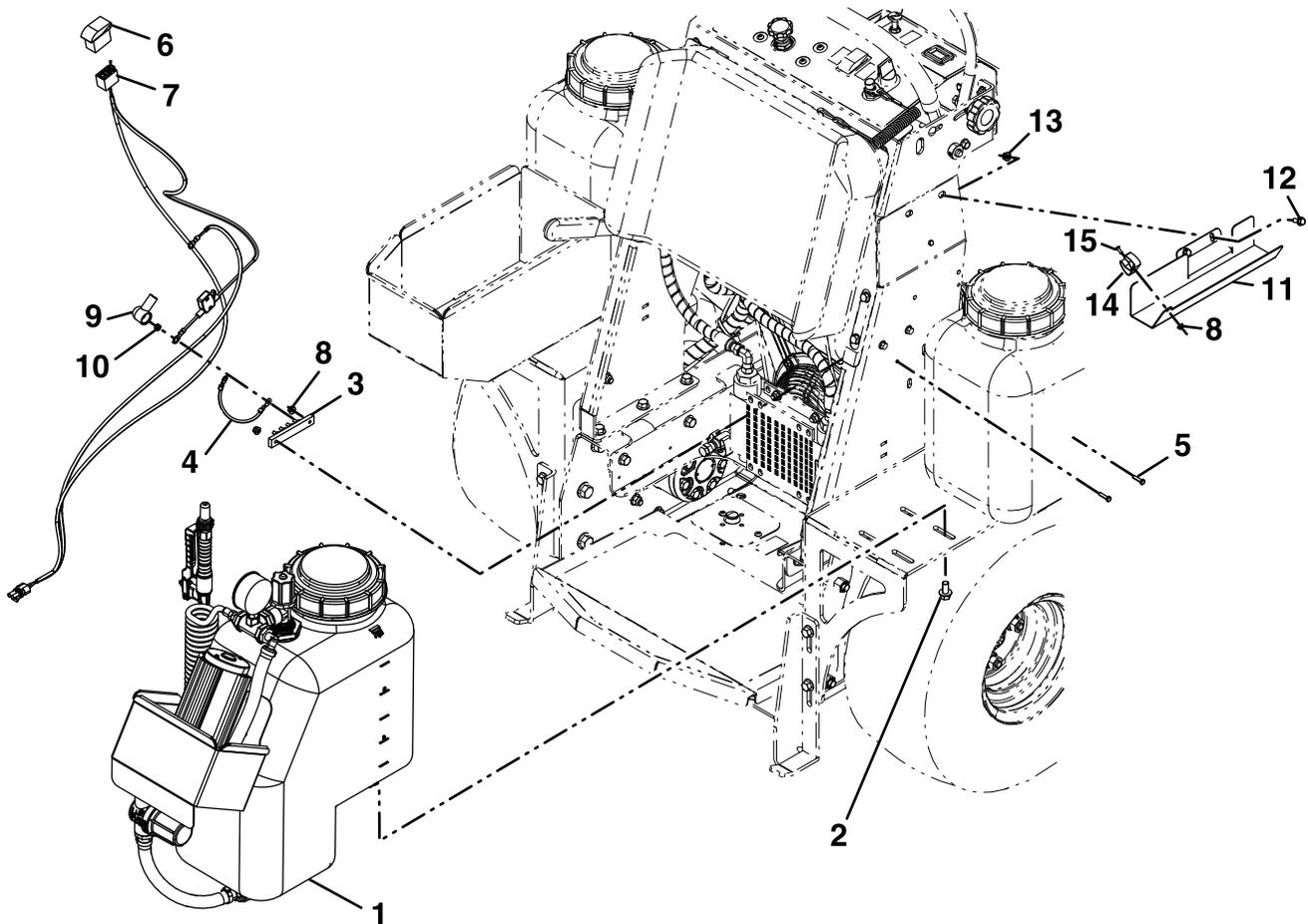
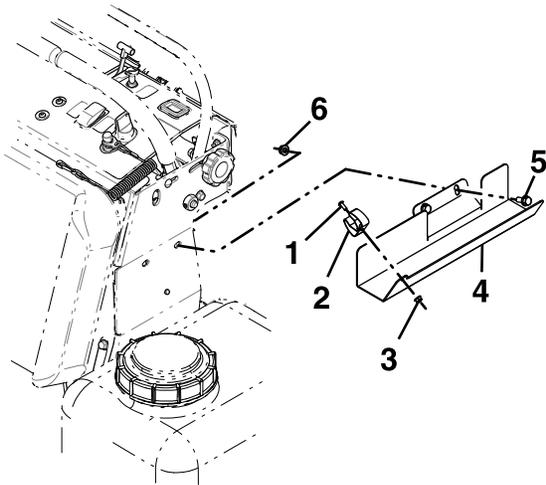


Figure 2

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# Installation Instructions

1. Stop engine, wait for all moving parts to stop, engage the parking brake remove the key, and disconnect the negative battery cable.
2. Remove and retain the right fertilizer box and its mounting hardware.
3. Install the tank assembly to the frame using two 3/8–16 x 3/4 inch hex flange bolts as shown in [Figure 2](#).
4. Assemble the tool holder to the spray wand tray using #10–24 x 1/2 inch screw and #10-24 inch nyloc flanged nut (see [Figure 3](#)). Install the spray wand tray to the right side of the tower using two 5/16–18 x 3/4 inch screws and two 5/16-18 inch nyloc flanged nuts.

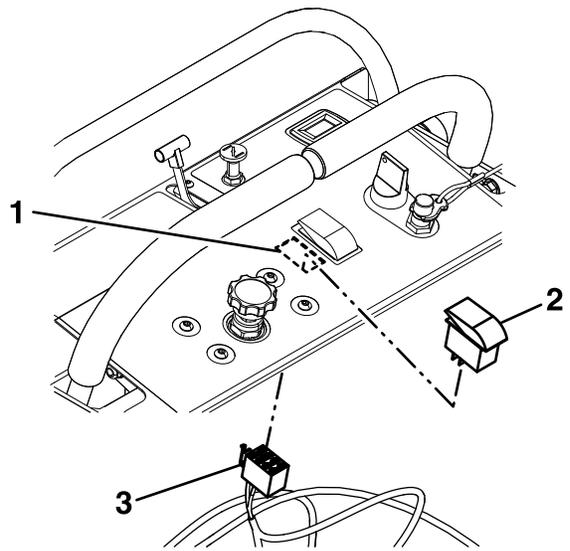


**Figure 3**

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- |                                  |                                   |
|----------------------------------|-----------------------------------|
| 1. #10–24 x 1/2 inch screw       | 4. Spray wand tray                |
| 2. Tool holder                   | 5. 5/16–18 x 3/4 inch screw       |
| 3. #10-24 inch nyloc flanged nut | 6. 5/16-18 inch nyloc flanged nut |

5. Remove and retain the rear cushion.
6. Using the control panel as a guide, carefully cut out the switch opening in the control panel decal.

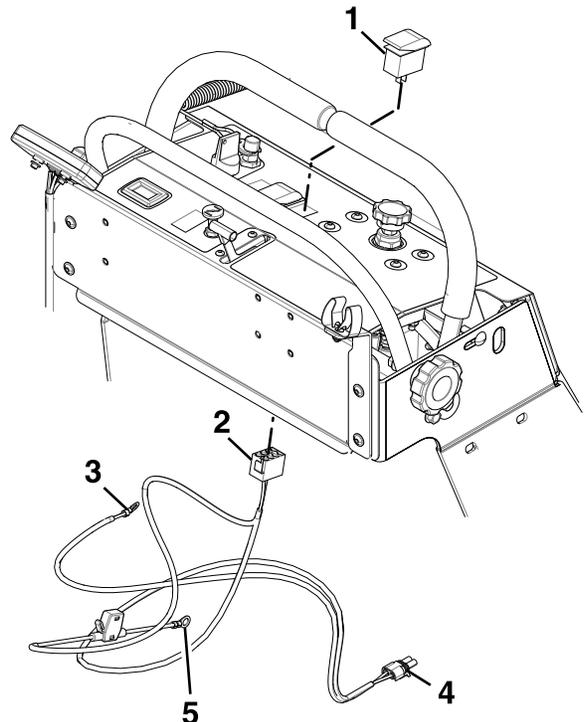


**Figure 4**

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- |           |            |
|-----------|------------|
| 1. Cutout | 3. Harness |
| 2. Switch |            |

7. Place the switch on the top side of the control panel and orient it similar to the existing switch. Carefully snap the switch into the cutout. Route the harness underneath the panel and connect the switch. Make sure the connectors are fully inserted onto the terminals.

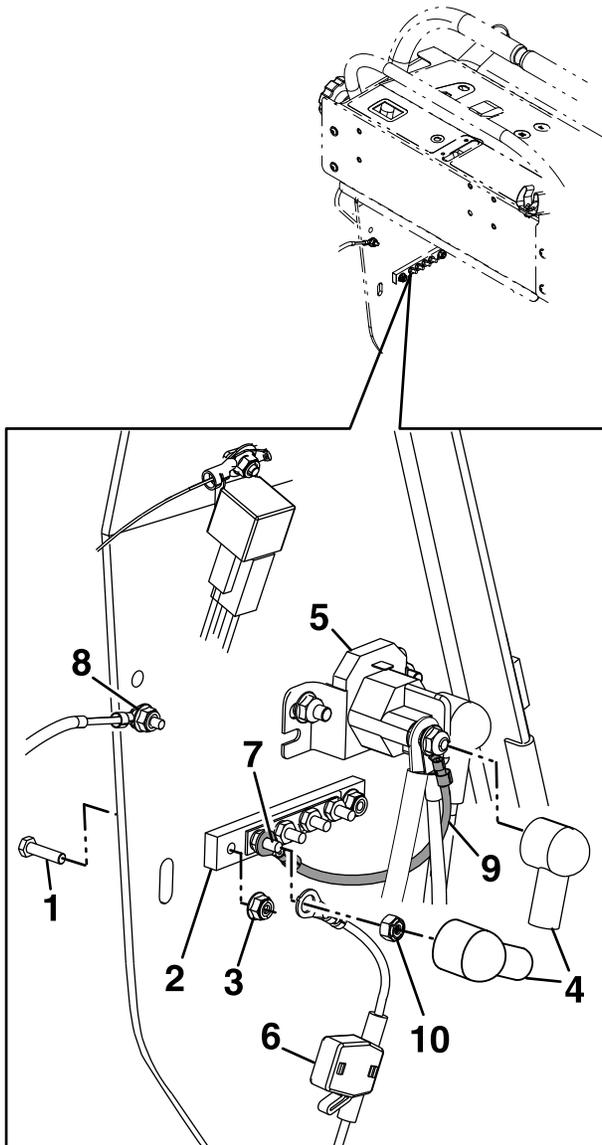


**Figure 5**

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- |            |                |
|------------|----------------|
| 1. Switch  | 4. Pump        |
| 2. Harness | 5. Fuse holder |
| 3. Ground  |                |

8. Install the terminal block to the inside of the RH panel. Using the two outer most holes, align to the holes on the inner panel. Secure the block using two #10–24 x 3/4 inch stainless steel screws and two #10 inch nyloc nuts.



**Figure 6**

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- |  |                         |
|--|-------------------------|
| 1. #10–24 x 3/4 inch stainless steel screw | 6. Fuse holder harness  |
| 2. Terminal block                          | 7. Relay post           |
| 3. #10 inch nyloc nut                      | 8. Ground               |
| 4. Solenoid insulator                      | 9. Jumper wire          |
| 5. Starter solenoid                        | 10. #10-32 UNF inch nut |

9. Mount the ground on the RH side of the tower (see item 8 in [Figure 6](#)).
10. Remove the solenoid insulator from the starter solenoid. Remove the nut and install one end of the jumper wire and reinstall the nut and insulator.

11. Insert the other end of the jumper wire and fuse holder harness through the insulator. Place the jumper wire and fuse holder harness onto the relay post and secure with #10-32 UNF inch nut and insulator as shown in [Figure 6](#).
12. Connect the pump connector from the tank assembly (item 1 in [Figure 2](#)) to the accessory pump connector.
13. Use zip ties to secure the accessory harness away from other components.
14. Reconnect the negative battery cable.
15. Add pure clean water to the 7 gallon tank. Turn the ignition key to ON and then operate the spray system and check for leaks. Repair all leaks before returning the sprayer to service.
16. Reinstall the rear cushion.

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# Parts List

Item No.	Part No.	Description	Qty
1	135-6640	Asm-Tank, Iso, 7gal	1
1:2	126-4393	Fitting-Bulkhead	2
1:3	135-5916	Cap-Tank	1
2	135-6274	Screw-HHF 3/8-16 x 3/4 SS	4
3	135-5759	Pump-5.0 Gpm	1
4	126-0961	Fitting-Elbow, Barbed	2
5	132-7706	Elbow-90deg	1
6	41969	Reducer-Bushing, Plastic	1
7	120-8671	Fitting-Hosebarb	1
8	135-6598	Fitting-Straight	2
9	135-5765	Strainer-Inline	1
10	135-5736	Valve-Throttle	1
11	135-5742	Fitting-Nipple	1
12	135-6643	Fitting-Cross	1
13	120-8673	Fitting-Elbow, Hosebarb	1
14	135-5743	Fitting-Reducer	1
15	135-6644	Hose-Spray	1
16	135-6645	Hose-Spray	1
17	135-6245	Guard-Pump, Iso	1
18	135-6646	Hose-Spray	1
19	135-5740	Gauge	1

Item No.	Part No.	Description	Qty
20	135-6612	Hose-Coiled, 15 Ft	1
21	135-5773	Gun-Spray, Spot	1
22	135-5778	Tip-Spray	1
23	135-7081	Screw-Button Head 1/4-20 x 1 SS	4
24	135-6628	Block-Terminal	1
25	135-6630	Harness-Wire, Jumper	1
26	135-6356	Screw-HH #10-24 x 3/4 SS	2
27	100-8469	Switch-Rocker	1
28	135-6648	Harness-Accessory	1
29	135-6342	Nut-Hex Flg #10-24 Nyloc SS	2
30	135-5692	Clamp-Oetiker	6
31	364-0371	Nut-Hex Nyloc 10-32 UNF	1
32	135-6424	Decal-Strainer cap	1
33	135-6243	Tray-Gun, 7gal Rt	1
34	126-2712	Screw-HHF 5/16-18 x 3/4 SS	2
35	135-6109	Nut-Hex Flg 5/16-18 Nyloc SS	2
36	135-5661	Holder-Tool, Clip [Black Vinyl Coated]	1
37	135-6374	Screw-Button Head #10-24 x 1/2 SS	1
38	1-543393	Insulator-Solenoid	1
99*	3290-378	Tie-Cable	3

\*Not Illustrated

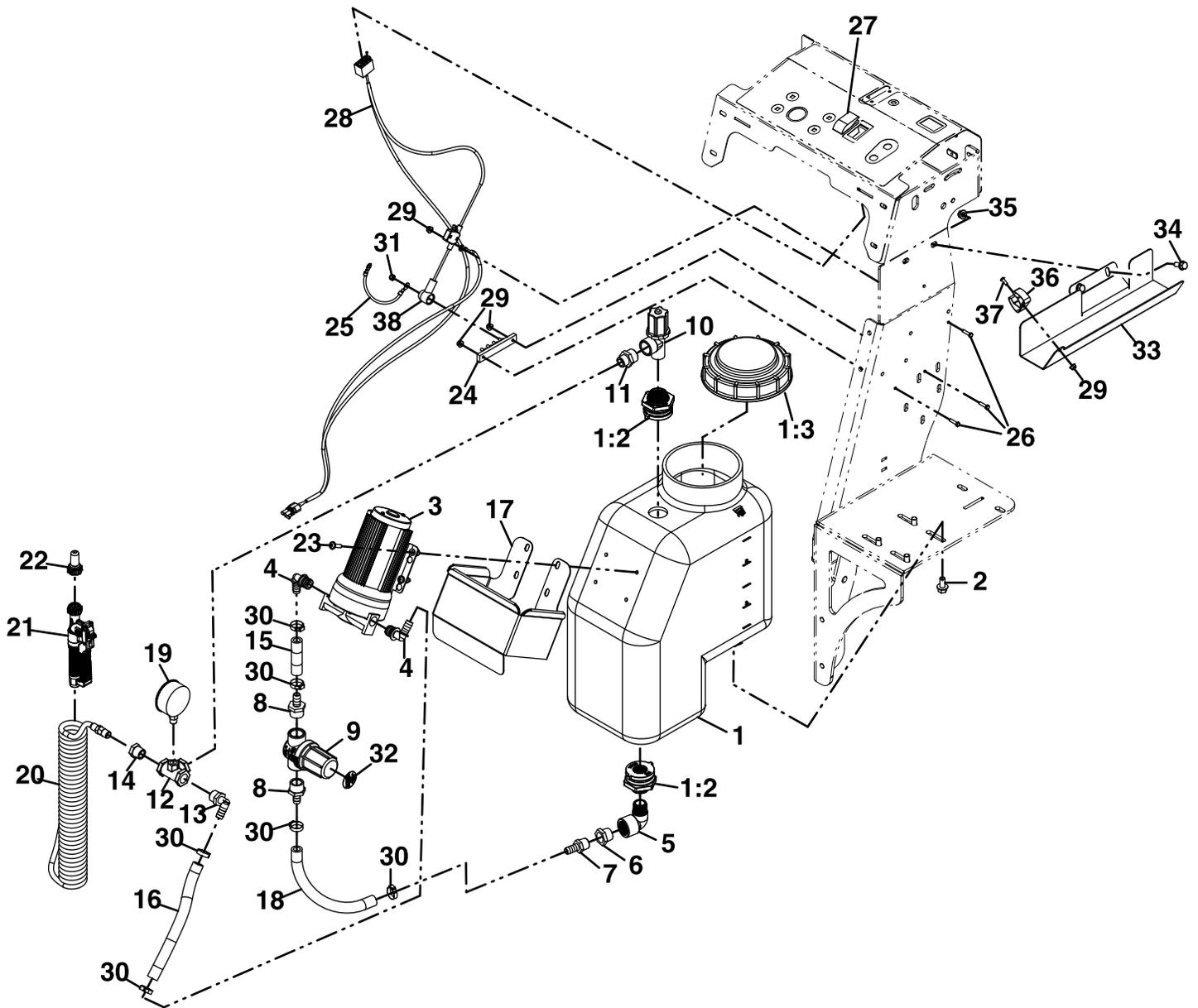


Figure 7

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