

CONTENTS OF CARTON

Thank You

Thank you for purchasing this product. It was carefully engineered to provide excellent performance when properly operated and maintained.

Please read this entire manual prior to operating the equipment. It instructs you how to safely and easily set up, operate and maintain your equipment. Please be sure that you, and any other persons who will operate the machine, carefully follow the recommended safety practices at all times. Failure to do so could result in personal injury or property damage.

All information in this manual is relative to the most recent product information available at the time of printing. Review this manual frequently to familiarize yourself with the equipment, its features and operation. Please be aware that this Operator's Manual may cover a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

If you have any problems or questions concerning this equipment, phone your local dealer or contact us directly. We want to ensure your complete satisfaction at all times.

Throughout this manual, all references to *right* and *left* side of the machine are observed from the operating position.

42"/46" Leaf Collection System

Before beginning installation, remove all parts from the carton to make sure everything is present. Carton contents are listed below and shown in Figure 1. The hardware pack(s) included in this kit are detailed at the end of this section.

- Cart Collection Support Assembly - 689-02019
- Mesh Cover - 764-05215
- Bagger Chute - 731-09329A
- Bag Vent - 731-12351B
- Hose End - 731-12353A
- Hose - 764-05335
- Hardware Pack - 689-00636

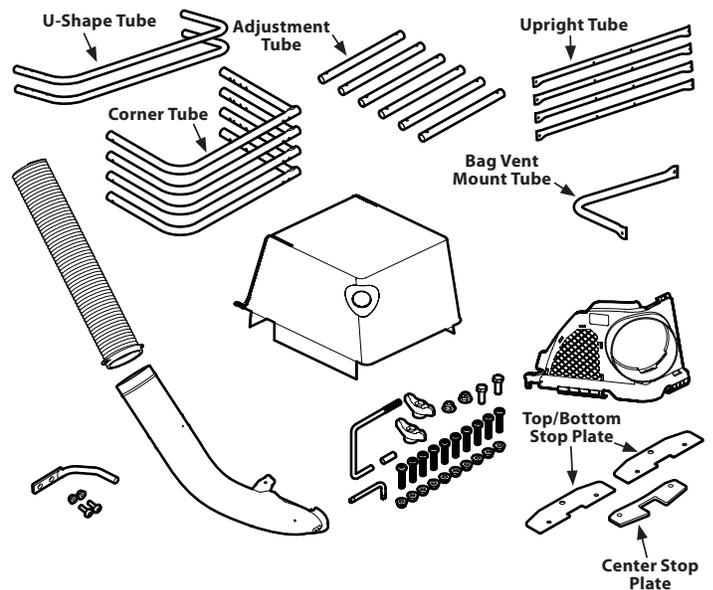


Figure 1

50"/54" Leaf Collection System

Before beginning installation, remove all parts from the carton to make sure everything is present. Carton contents are listed below and shown in Figure 2. The hardware pack(s) included in this kit are detailed at the end of this section.

- Cart Collection Support Assembly - 689-02019
- Mesh Cover - 764-05215
- Bagger Chute Assembly - 819-010964
- Bag Vent - 731-12351B
- Hose End - 731-12353A
- Hose - 764-05335
- Hardware Pack - 689-02199

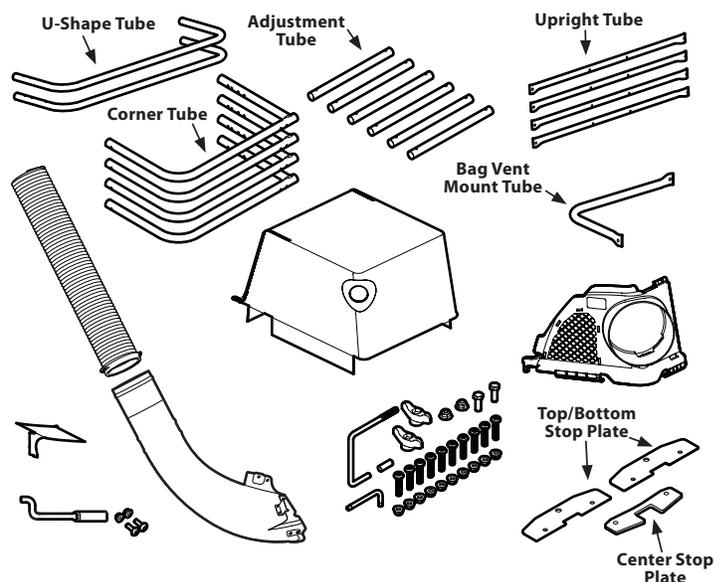


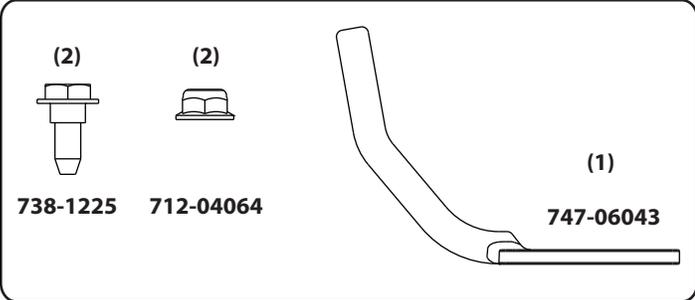
Figure 2

CONTENTS OF CARTON

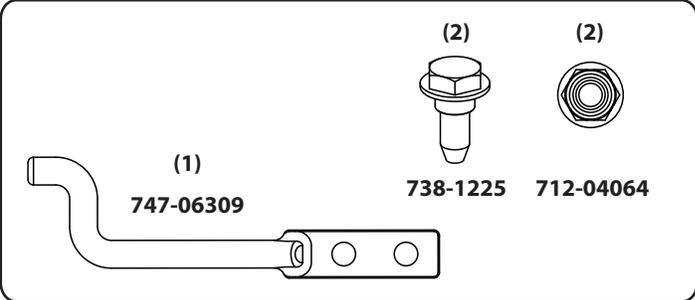
Contents of Hardware Pack(s)

Please check your hardware pack(s) against the illustrations below. The quantities for each item are listed in parentheses.

42"/46" Hardware Pack 689-00636



50"/54" Hardware Pack 689-02199



ASSEMBLY & INSTALLATION

NOTE: References to left, right, front and rear of the leaf collection system are from the operator's position, unless otherwise stated.

WARNING

Before beginning installation, place the mower on a firm and level surface, set the parking brake, place the PTO in the disengaged (OFF) position, stop the engine/motor and remove the key to prevent unintended starting.

Assemble the Leaf Collection System Frame

- Lay one corner tube on a firm, level surface as shown in Figure 3.
- For the left frame assembly, align one upright tube with the corner tube using the mounting hole and secure with one pan head screw and one hex nut as shown in Figure 3.
- Align second upright tube to corner tube and secure with one pan head screw and one hex nut as shown in Figure 4.
- Attach additional corner tube to free ends of upright tubes, aligning with mounting holes and secure with two pan head screws and two hex nuts as shown in Figure 5.
- Tighten all of the hardware installed at this time with torx tool and 1/2" wrench as shown in inset of Figure 5.
- For the right frame assembly, repeat steps 1-5 with remaining corner tubes, upright tubes and associated hardware.
- Attach bag vent mount tube to right frame assembly, using two pan head screws and two hex nuts as shown in Figure 6.
- Snap bag vent (731-12351B) in place by rotating and placing the upper tab as shown in Figure 7, then clipping the bottom portion onto the bag vent mount tube (see lower inset, Figure 7).

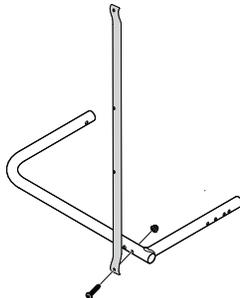


Figure 3

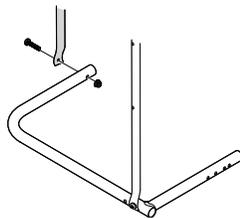


Figure 4

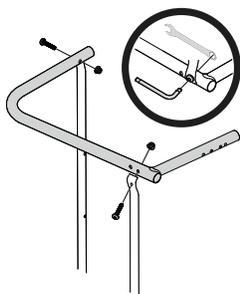


Figure 5

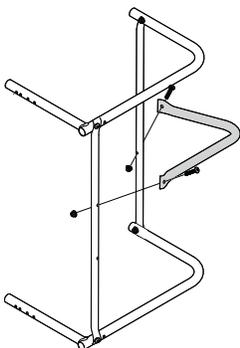


Figure 6

- Align left and right frame assemblies as shown in Figure 8.
- Insert adjustment tube into bottom front of left frame assembly as shown in inset of Figure 8, turning until spring button snaps into place in the hole farthest from the edge.
- Insert opposite end of adjustment tube into bottom front of right frame assembly, depress spring button to allow tube to slide but do not snap into place.
- Repeat process with bottom back of right and left assembly with adjustment tube. Once both sides are assembled, slide adjuster tubes into right assembly until spring buttons snap into the holes farthest from the edge.
- Install four adjustment tubes into the two u-shape tubes, sliding until spring buttons snap into the middle holes as shown in Figure 9.
- Insert u-shape tubes into left and right frame assemblies by sliding adjustment tubes into corner tubes as shown in Figure 10.

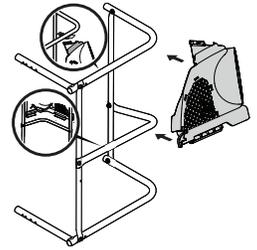


Figure 7

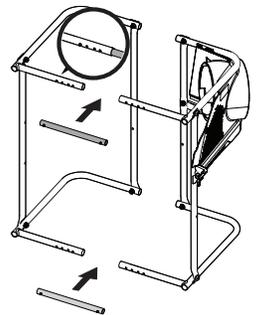


Figure 8

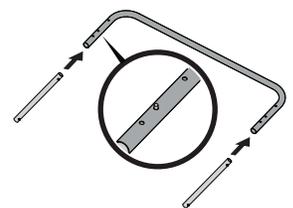


Figure 9

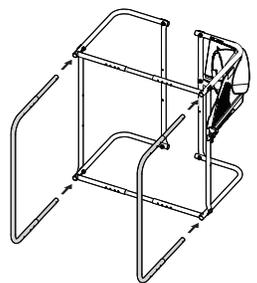


Figure 10

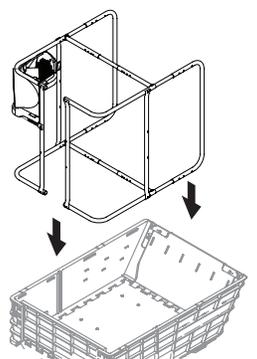


Figure 11

Install Frame Assembly on Cart

Install leaf collection frame assembly on cart as follows:

- Place assembled frame into cart with the bag vent (731-12351B) in the right upper corner facing the mower. See Figure 11.

ASSEMBLY & INSTALLATION

- Adjust frame as necessary to fit width of cart by depressing spring buttons on adjustor tubes to adjust the width and length of the frame, making sure the spring buttons snap into place. See Figure 12.

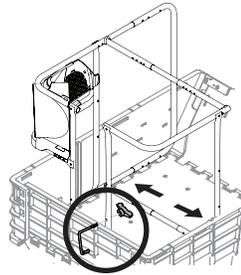


Figure 12

- Install vinyl cap to non-threaded end of hook.
- Use hook assembly to secure frame to the cart by inserting the threaded arm of the hook assembly through the left front side of the frame, adjust the capped end of the hook assembly to rest against the outside wall of the cart and secure with one wing knob, as shown in Figure 12.

- Drrape mesh cover (764-05215) over frame assembly, aligning bag vent and mesh cover opening. See Figure 13.

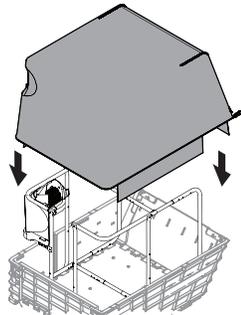


Figure 13

- IMPORTANT:** Be certain plastic panels on bottom of mesh cover are located inside walls of cart, as shown in Figure 14.

- Stretch bottom edge of mesh cover to fit over top of cart. Adjust mesh cover as necessary to fit over assembled frame.

- Stretch mesh cover opening to seal the edges of the bag vent, as shown in Figure 15.

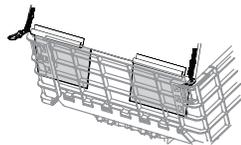


Figure 14

- At rear of cart, pull bottom edges of mesh cover towards the ground until cover reaches below top lip of cart.

- Stretch bungee cords located at back right and left bottom of mesh cover horizontally towards center until attached carabiners meet. Slide bungee cords into channels attached to bottom of mesh cover (1) and click carabiners together (2), as shown in Figure 16.

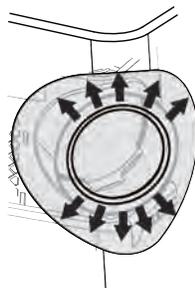


Figure 15

- IMPORTANT:** Be certain that bottom of mesh cover is secured tightly to cart and that zippers are firmly closed in order to prevent collected material escaping from the leaf collection system.

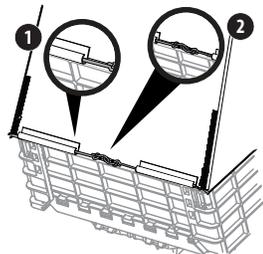


Figure 16

Installing the Boot Rod & Hardware

42"/46" Models:

- From the inside of the boot, put two hex head shoulder screws (738-1225) through the holes at the bottom front of the boot. See Figure 17.
- Put the mounting rod (747-06043) in place over the hex head shoulder screws. Make sure the tip of the rod is facing out from the boot. See Figure 17.
- Begin threading the hex nuts (712-04064) onto the hex head shoulder screws. See Figure 17.
- Using a 7/16" wrench or socket on the screw and a 7/16" box wrench on the hex nuts, tighten down so flange is flush to secure the assembly.

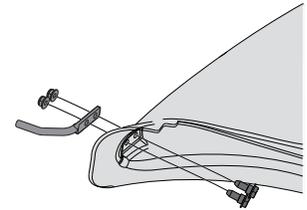


Figure 17

50"/54" Models:

- From the inside of the boot, put two hex head shoulder screws (738-1225) through the holes at the bottom front of the boot. See Figure 18.
- Put the mounting rod (747-06309) in place over the hex head shoulder screws. Make sure the tip of the rod is facing out from the boot. See Figure 18.
- Begin threading the hex nuts (712-04064) onto the hex head shoulder screws. See Figure 18.
- Using a 7/16" wrench or socket on the screw and a 7/16" box wrench on the hex nuts, tighten down so flange is flush to secure the assembly.

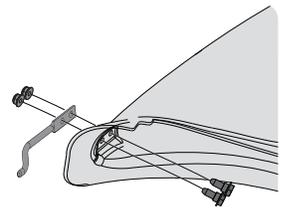


Figure 18

Installing the Bagger Chute - 42"/46" Models

- With the mower's discharge chute raised up and held open (1), install the bagger chute by placing the bagger chute mounting rod into the bagger chute mounting tab (2), as shown in Figure 19.
- Secure the bagger chute to the deck using a wing knob from cart collection support assembly 689-02019. See Figure 20.

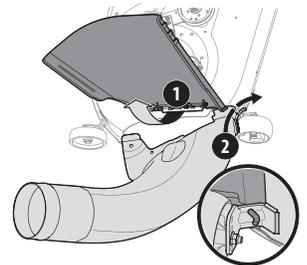


Figure 19

- NOTE:** If present, remove the protective cap off of the mounting stud on the mowing deck as shown in the upper inset of Figure 20.

- IMPORTANT:** Be certain that the bottom of the discharge chute is located inside of the lip of the deck opening, as shown in Figure 21.

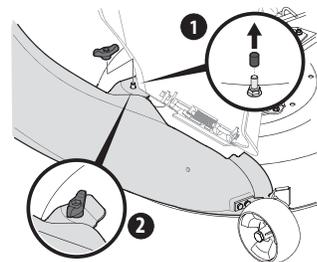


Figure 20

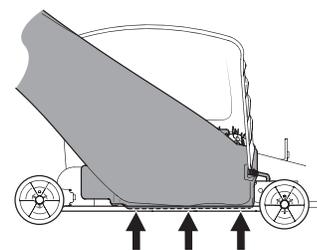


Figure 21

ASSEMBLY & INSTALLATION

Installing the Bagger Chute - 50"/54" Models

When installing the bagger chute, two different installation instructions exist. For the 50" and 54" fabricated deck units, the bagger chute mounts directly onto the cutting deck. For the 50" and 54" stamped decks, an adapter must first be installed. Be sure to follow the instructions that pertain to the unit you are installing this bagger on.

On 50"/54" Fabricated Deck Units:

1. Raise the deck to its highest position.
2. Raise the discharge chute (1 in Figure 22) on the deck and hold it while you position the bagger chute over the discharge chute opening.
3. Insert the bagger chute mounting rod (2) into the hole provided in the deck wheel mount as shown in the inset of Figure 22.
4. Pivot the bagger chute rearward until the hole in the bagger chute aligns with the pin on the deck. Move the bagger chute down onto that pin as shown in 3 of Figure 22.
5. Secure the bagger chute to the cutting deck using a wing knob from cart collection support assembly 689-02019. Refer to Figure 23.

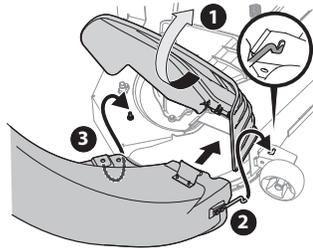


Figure 22

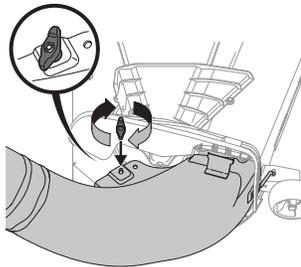


Figure 23

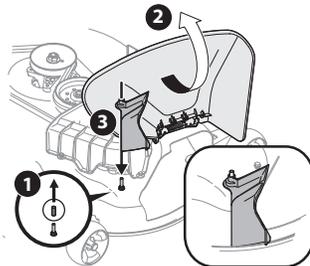


Figure 24

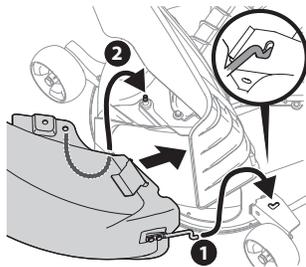


Figure 25

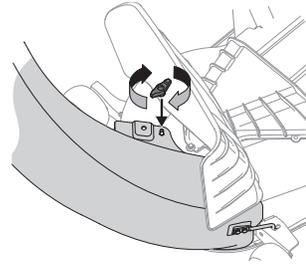


Figure 26

Installing the Hose

1. Thread end of hose (764-05335) without hose end (731-12353A) securely into the bag vent. There are two tabs on the lower inside part of the bag vent to allow for secure threading. See Figure 27.
 2. Lift by the hose end handles. Slide the hose over the bagger chute mounted on the cutting deck, as shown in Figure 28.
 3. Make sure the connection is secure and there are no gaps between the hose and the bagger chute.
- NOTE:** The hose and bag vent are **left-hand threaded**. Thread counterclockwise until secure.
- NOTE:** If open, zip the mesh cover of the leaf collection system closed prior to operation.

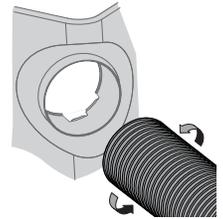


Figure 27

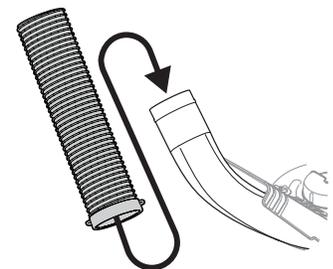


Figure 28

Installing the Jackknife Plate Assembly

WARNING

Before beginning installation, place the mower on a firm and level surface, set the parking brake, place the PTO in the disengaged (OFF) position, stop the engine/motor and remove the key to prevent unintended starting.

1. Stack top/bottom stop plates and center stop plate as shown in Figure 29. Secure with two hex head screws and two hex nuts.
 2. Using a 9/16" wrench or socket on the screws and a 9/16" box wrench on the nuts, tighten to secure.
 3. If cart is attached to mower, remove bowtie clip from mounting pin and remove pin from mower hitch.
 4. Slide jackknife assembly on hitch, aligning holes.
 5. Lay tongue of cart on top of jackknife plate assembly, aligning hole in tongue with the holes in the jackknife plate assembly.
 6. Insert mounting pin and secure with bowtie clip as shown in Figure 30.
- NOTE:** Top plate should be above hitch and bottom plate should be below hitch.

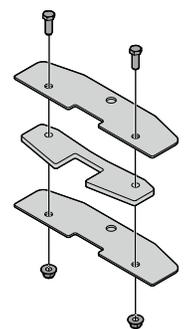


Figure 29

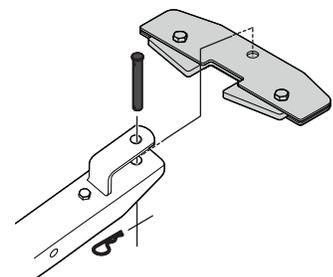


Figure 30

OPERATION

Leaf Collection System Usage

NOTE: When leaf collection system is full, place the mower, cart and leaf collection system on a firm, level surface, disengage the PTO, turn the mower engine (motor) off and set the parking brake.

1. Carefully release the dump mechanism on the cart, if one is present.

IMPORTANT: If using bed tilt feature to dump cart, remove hose from chute elbow prior to raising cart bed to prevent damage to hose.

2. Open mesh cover by unzipping the two zippers upwards, and lifting the rear flap of the mesh cover as shown in Figure 31.
3. Empty the leaves/grass clippings at a proper disposal site, using a rake to pull the contents through the rear of the cart.
4. Close the rear flap by zipping the two zippers downwards, ensuring the plastic flaps are tucked inside the cart, restart your towing device, release parking brake and resume leaf/grass clipping collection.

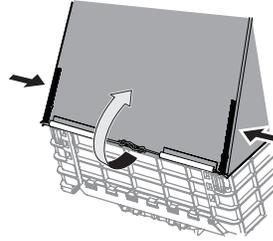


Figure 31