



## 102487 EZ-Haul Expanded Metal Deck

(Designed to use with a #103446 trailer frame.)

10712



*The #103446 trailer frame is not included.*

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STK#	DIMENSIONS
102487	48" W x 72" L

## E-Z HAUL UTILITY WAGON / TRAILER

### YOU MUST READ THIS DOCUMENT BEFORE YOU BEGIN TO ASSEMBLE THE EXPANDED METAL DECK.

Thank you for purchasing this expanded metal deck. When properly assembled and maintained, this product will provide years of reliable service. These instructions include helpful hints and important information needed to safely assemble and properly maintain the metal deck. Please read these instructions **before** you begin.

If you have any questions during the assembly, contact Customer Service for assistance.

### SAFETY PRECAUTIONS

- After installation, periodically check nuts and bolts to make sure they are tight and secure.
- Do not use the expanded metal deck if any part is broken or damaged.
- This expanded metal deck is not a toy. Do not allow children sit or play on the deck.

### REQUIRED TOOLS

The following list identifies the main tools needed for assembly.

- Wrenches or socket and ratchet set
- Medium Adjustable Wrench
- Small hammer to align brackets

### UNPACK AND IDENTIFY PARTS

The following steps will ensure that you have all the necessary parts before you begin the assembly.

1. Unpack the contents of the shipment and place where you can easily inventory the parts.
2. If anything is missing or you have questions, consult the Pictorial Parts List, or contact Customer Service at 1-800-245-9881.

**NOTE:** At this time, you do not need to open the plastic bag containing smaller parts such as fasteners or washers.

### ASSEMBLY NOTE

There are different ways to complete the assembly of the expanded metal deck kit. Read through the information that follows and determine which method works best for your application. Regardless of the method used, *read through these instructions before you begin* to get an overview of the expanded metal deck assembly procedure.

It is the customer's responsibility to determine the best and easiest way to attach the expanded metal deck to the trailer frame based on experience and available assistants.

#### Method 1 (requires one person for assembly):

The instructions on the following pages describe first attaching the deck supports to the trailer frame and then attaching each expanded metal deck to the deck supports.

This method works best when one person is assembling the deck and attaching it to the trailer frame.

**NOTE:** If this method is used, it will be necessary to work from the underside of the frame to install and tighten most mounting bolts. *Method 1 is illustrated on the following pages.*

#### Method 2 (requires assistance to set deck on trailer frame):

This method works best when additional assistants are available to set the assembly onto the frame. Access to mounting bolts is easier using Method 2. *Method 2 is not illustrated in the following pages.*

Follow these quick steps to first assemble the decks, and then to attach them to the trailer frame:

1. Verify that the 103446 trailer frame is assembled to its shortest length (shown in Step 1 on page 4).
2. Properly positioned the three (3) decks on a clean surface with their topside down (see parts page).
3. Using the mounting bolts, connect the separate decks and tighten the bolts (see parts page).
4. Attach the deck supports to the expanded metal deck assembly (see parts page for part identification).
5. With assistance, carefully flip the assembly over and lift it onto the trailer frame.
6. Secure the assembly to the deck support mounting brackets on the trailer frame (see Step 2 on page 4).
7. Verify that all bolts are tight, including the deck support mounting bracket bolts of the trailer frame.



**PICTORIAL PARTS LIST**

The following graphics and photos will help you identify the different parts.



Bolts (16)



Lock nuts (16)



Washers (16)



Deck Supports

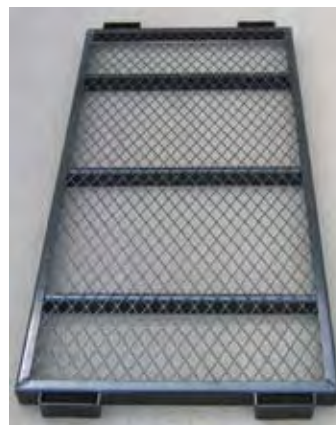
**ATTENTION:** The Front and Back metal decks are interchangeable.

The photos to the right show how to position the decks to properly connect them during the assembly process.

Decks can be attached individually as described in these instructions, or they can be connected and set on the frame as described in Method 2 on the previous page.



Metal Deck- Front



Metal Deck - Middle



Metal Deck - Back

## E-Z HAUL UTILITY WAGON / TRAILER

### ASSEMBLY

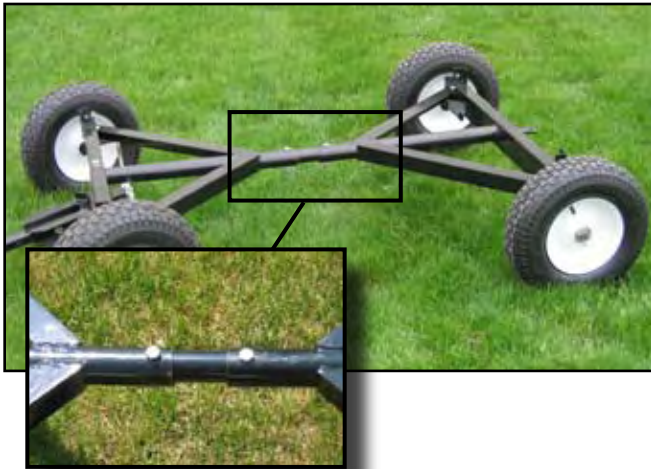
**NOTE:** These instructions describe how to attach the expanded metal deck to a #103446 trailer frame.

To better align the metal deck on the trailer frame, do not fully tighten the mounting nuts and bolts until the entire metal deck is assembled and attached.

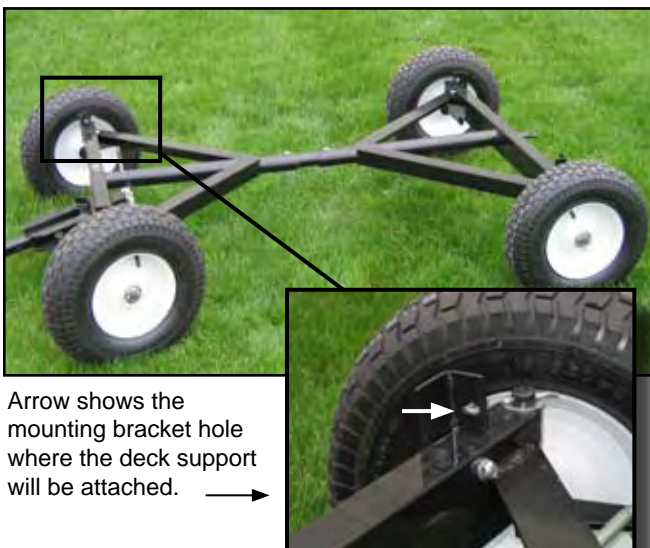
Gather parts:

- Deck supports (2)
- Bolts (16) and lock nuts (16)
- Washers (16)

1. Verify that the trailer frame is assembled to its shortest length as shown. Reposition the frame adapter mounting bolts (if needed) to shorten the frame length.



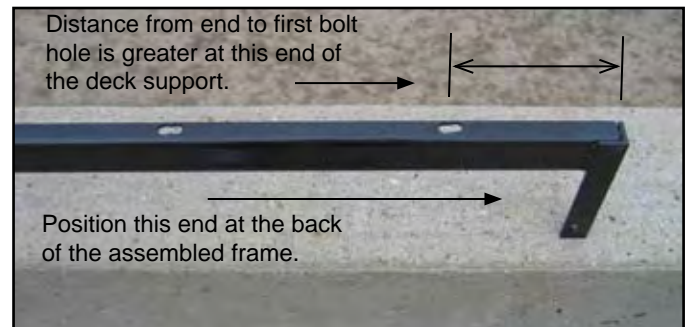
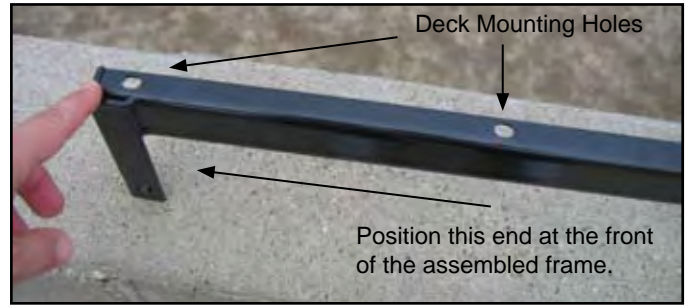
2. Locate the deck support mounting brackets *attached to the trailer frame* at each corner near the wheels.



Arrow shows the mounting bracket hole where the deck support will be attached. →

**NOTE:** Tap with a small hammer to align these brackets with the deck supports when these are installed.

3. Locate the two (2) deck supports and position the deck mounting holes of the supports to the front and back of the assembled trailer frame as shown.



4. Secure each deck support to the deck support mounting brackets using two (2) bolts, two (2) washers, and two (2) lock nuts. Attach as shown below.



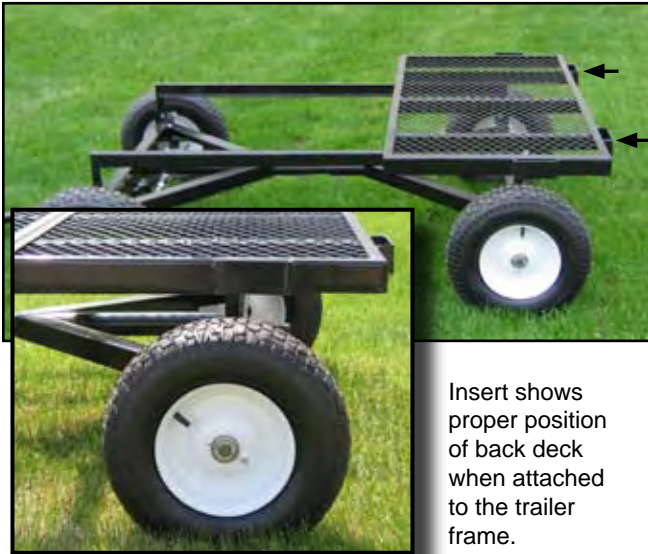
Arrows show where the deck supports attach to the trailer frame.

**ATTENTION:** Verify that the deck supports are installed as shown above for both sides of the assembled frame. Legs of the deck supports are set to the inside of the mounting brackets. The smooth surface of each deck support points toward the outside of the frame.

## E-Z HAUL UTILITY WAGON / TRAILER

### ASSEMBLY (CONTINUED)

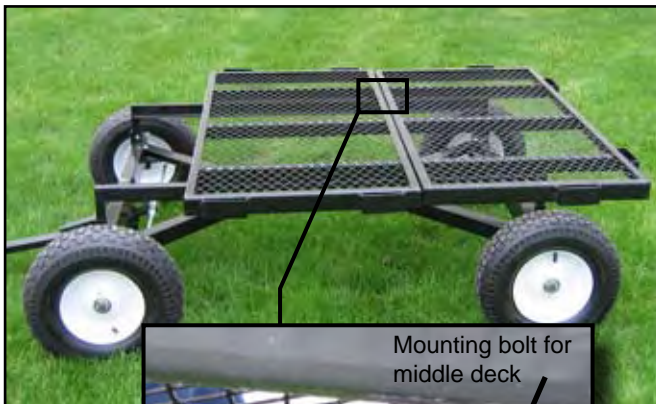
5. Take the back deck and position it on the deck supports as shown below.



Insert shows proper position of back deck when attached to the trailer frame.

**NOTE:** For easier assembly, start from the back of the trailer frame and work to the front when attaching the decks to the deck supports. Position the outer brackets of the long side (see arrows above) toward the back of the trailer.

6. Align the mounting holes on the back deck frame with the holes on the deck supports. Use four (4) bolts, four (4) washers, and four (4) lock nuts to secure the deck.
7. Place the middle deck into position and align the mounting holes with the *mounting holes on the back deck frame*. Secure in place using two (2) bolts, two (2) washers, and two (2) lock nuts.



View is from the underside.

Mounting bolt for back deck

Mounting bolt for middle deck

Deck Frame

Deck Frame

Deck Support

8. Set the front deck on the frame and align the holes of the front deck *with the mounting holes on the middle deck*. Secure the two decks together using two (2) bolts, two (2) washers, and two (2) lock nuts.



Insert shows proper location of front deck when attached to the trailer frame.

9. Finish attaching the front deck to the deck supports using four (4) bolts, four (4) washers and four (4) lock nuts.
10. Verify that the deck assembly is positioned as desired and tighten all mounting bolts and nuts.
11. Read or reread all safety information included with the expanded metal deck and the wagon or frame that the deck was attached to.

**ATTENTION:** The middle deck is secured to the front and back decks only. *It is not secured to the deck supports.*