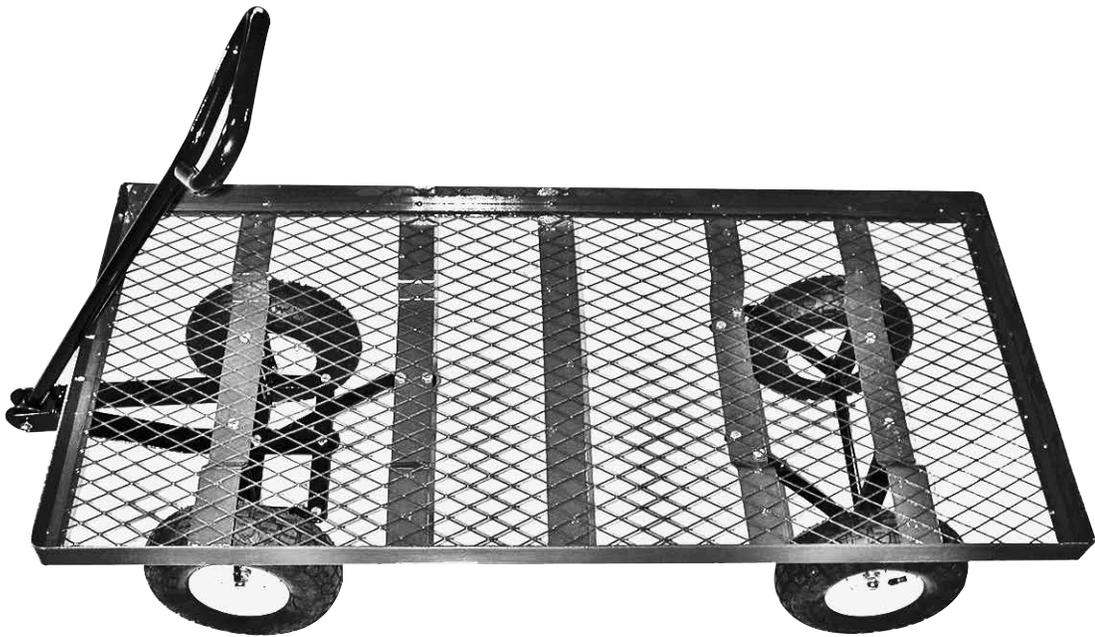




108675
Flat Bed Metal Wagon

12855



Wagon shown above may differ slightly in design from actual wagon.

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WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

STK#	Description
108675	Flat Bed Metal Wagon

Revision date: 05.30.19

CARTS AND WAGONS

READ THIS DOCUMENT BEFORE YOU BEGIN

Thank you for purchasing this flat bed wagon. 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 wagon. Please read these instructions **before** you begin.

SAFETY PRECAUTIONS

- **Do not** use the flat bed wagon if any part is broken or damaged.
- *This flat bed wagon is not a toy. Do not* allow children use the flat bed wagon.
- **Do not** use on inclines; flat bed wagon may tip or roll away.
- **Do not load flat bed wagon with more than 700 lbs.**
- Inflate the tires with ambient air only.
- Inflate the tires to the proper level as indicated on the tires.
- **Never** use a flammable gas to inflate the tires.
- **Never** allow riders in the flat bed wagon.
- **Always** distribute payload evenly over the surface of the bed.

CARE AND MAINTENANCE

- Periodically check all fasteners to assure they are tight.
- Clean the flat bed wagon using water and mild soap. Rinse with water sprayed from a garden hose.
- Check the tire pressure and adjust to recommended pressure if needed.

REQUIRED TOOLS

The following list identifies the main tools needed for assembly. To safely assemble the wagon, *two (2) individuals are needed.*

- Flathead screwdriver
- Metric and standard wrenches and socket set
- Pliers

MAXIMUM LOAD: 700 LBS.

UNPACK AND IDENTIFY PARTS

The following steps help to ensure that you have all the necessary parts before you begin.

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.

WHEEL SPACERS

Depending on design, some wagon models include separate wheel spacers that help to prevent the wheels from sliding back and forth on the axles.



ATTENTION:

Spacers may not be needed for some models and are not included. If spacers are not included with your wagon, skip this section and follow the steps as presented.

When installed correctly, these wheel spacers (shown above) are positioned between the flat washer and wheel on the axle. See the photos below.



STEP 1: Slide spacer onto axle.



STEP 2: Add flat washer and locknut and tighten the nut.

1

REAR WHEEL ASSEMBLY

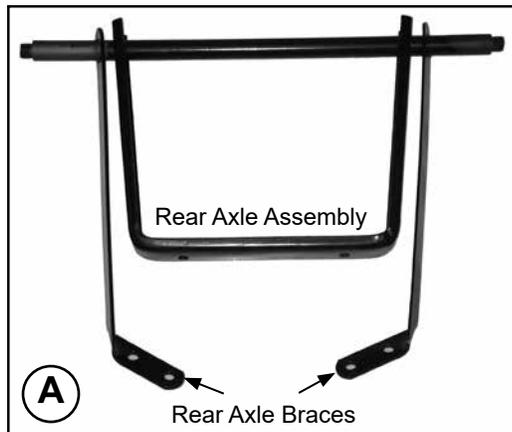
To better align the wagon, do not fully tighten the nuts and bolts until the entire wagon is assembled.

NOTE: Hardware may ship attached to parts. Photos used in these instructions are not to scale.

1. Slide the rear axle braces onto the rear axle assembly (A). Curved end of rear axle braces should angle inward as shown.

Slide one (1) wheel, M12 flat washer, and M12 locknut in that order onto each end of the axle as shown in diagram B. *Tighten the locknuts. Wheels should spin freely on axle.*

NOTE: Add wheel spacers (if equipped) *before* adding the washer and locknut as noted on Page 2.



Flat washer and locknut are used on the outside of the wheel. Install the wheel with the valve stem to the outside.



Parts List and Tools Required



Socket/Wrench Set



M12 Flat Washers (2)



M12 Locknuts (2)



Rear Axle Braces (2)



Pliers



Wheels (2)



Rear Axle Support (1)

2

FRONT WHEEL ASSEMBLY

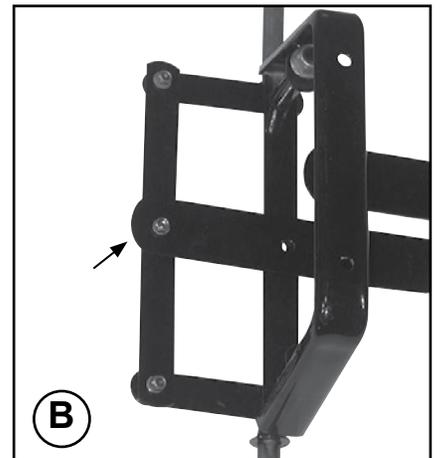
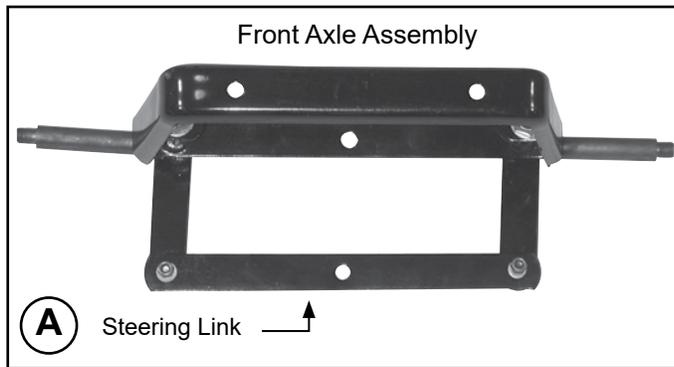
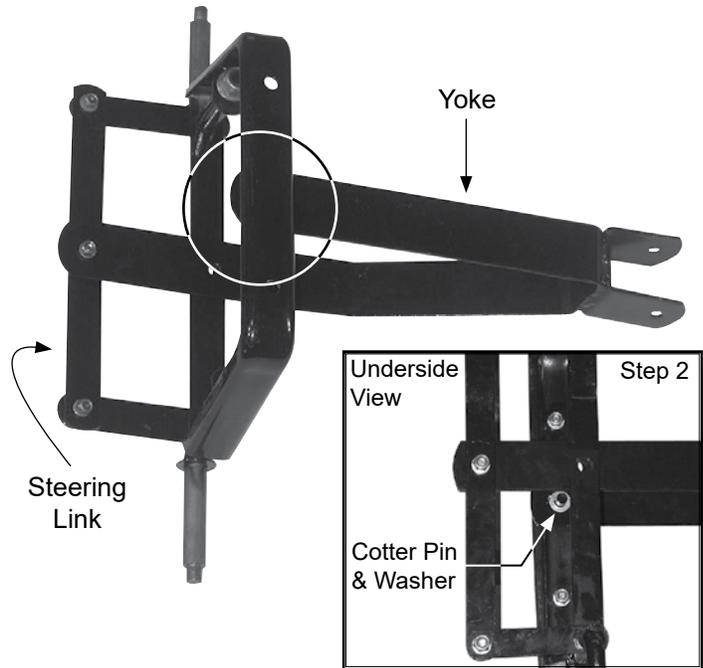
NOTE: Hardware may ship attached to parts.

1. Attach steering link to the front axle support using two (2) **M8x18 hex bolts**, M8 flat washers, and M8 locknuts to secure the support as shown in diagram A. See Step 3 to tighten bolts.
2. Slide yoke onto the stud welded to the underside of the top cross bar of the axle support. Secure in place using a large flat washer and the cotter pin as shown to the right.

NOTE: Insert shows cotter pin attached to the underside of the axle support. *Using pliers, spread the ends of the cotter pin to secure in place.*

3. Next, align back hole of the yoke with steering link and secure into place using one (1) **M8x18 bolts**, M8 flat washer, and M8 locknut as shown in diagram B.

Do not over-tighten locknuts. Tighten until nut seats against washer then loosen 1/8" to 1/4" of a turn. Do not loosen too much. Threads of all bolts must remain within the locking collar of the locknut.



Parts List and Tools Required



Cotter Pin (1)



M8x18 Bolts (3)



M8 Locknuts (3)



Yoke



Socket/Wrench Set



Large Flat Washer (1)



M8 Washers (3)



Pliers



Steering Link (1)



Front Axle Support (1)

2

FRONT WHEEL ASSEMBLY (continued)

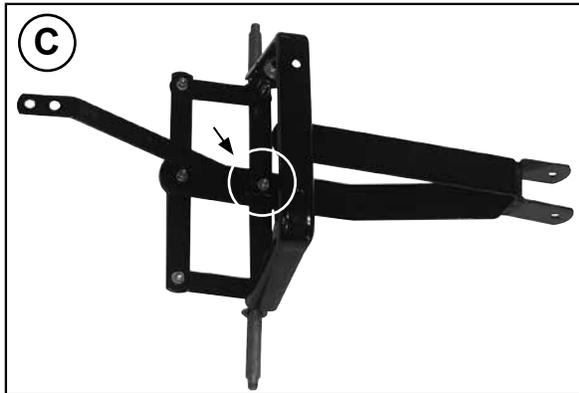
- Attach one end of the front axle brace to the yoke and axle support using one (1) **M8x25 bolt**, M8 flat washer, and M8 locknut. Secure in place as shown in diagram C.

Do not over-tighten locknut. Tighten until nut seats against washer then loosen 1/8" to 1/4" of a turn.

Slide one (1) wheel, large washer, and locknut in that order onto each end of the axle as shown in diagram D and tighten the locknuts.

NOTE: Add wheel spacers (if equipped) *before* adding the washer and locknut as noted on Page 2.

ATTENTION: If you are unable to easily turn the steering assembly, loosen the locknuts of the steering linkage connections just enough to allow the steering components to move freely. **Do not loosen nuts too much.** Threads of all bolts must remain within the locking collar of the locknut.



Parts List and Tools Required



3

BED ASSEMBLY

1. Place the wagon bed on a flat surface with the angled frame supports facing up. Protect the finished surface of the bed and other parts by covering the work surface with cardboard or similar material.
2. Place the rear wheel assembly on the wagon bed supports and align bolt holes.
3. Insert bolts through the bed frame supports and rear axle support and secure using two (2) **M8x18 hex bolts**, two (2) M8 flat washers, and two (2) M8 locknuts. See diagram A.
4. Align the holes of the rear axle braces (right and left) with holes on the wagon bed frame.
5. Secure in place using four (4) **M8x18 hex bolts**, M8 flat washers, and M8 locknuts as shown in the diagram A.

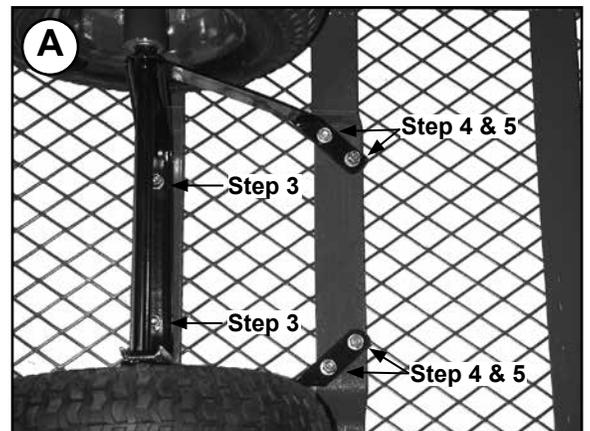
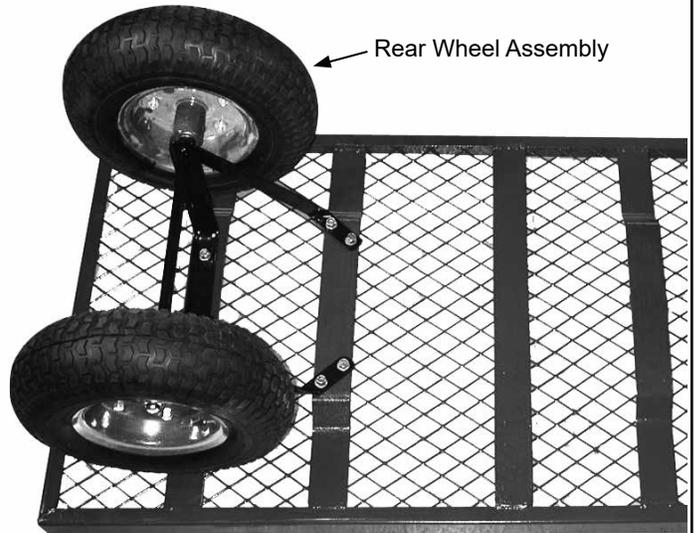


Photo shows where the bed support is attached to the bed frame and where to install the M8x18 hex bolts.



Parts List and Tools Required



Socket/Wrench Set



M8 Locknuts (6)



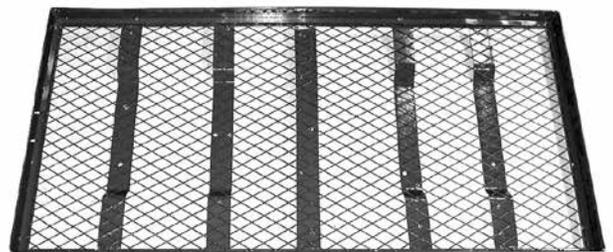
M8 Flat Washer (6)



Pliers



M8x18 Hex Bolts (6)

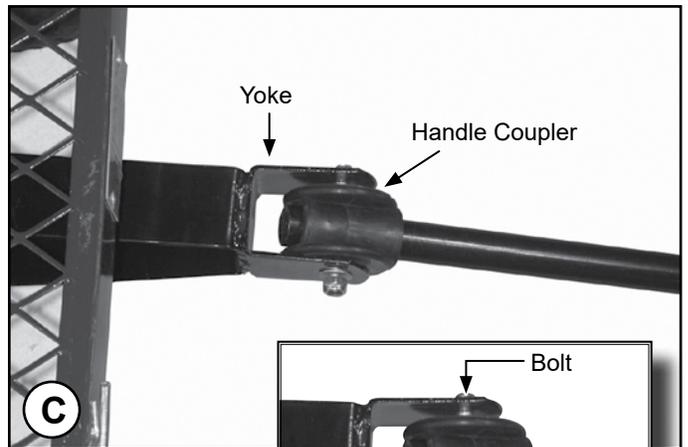
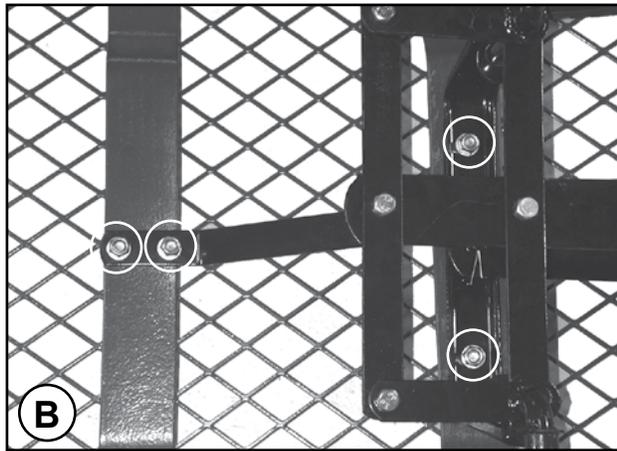
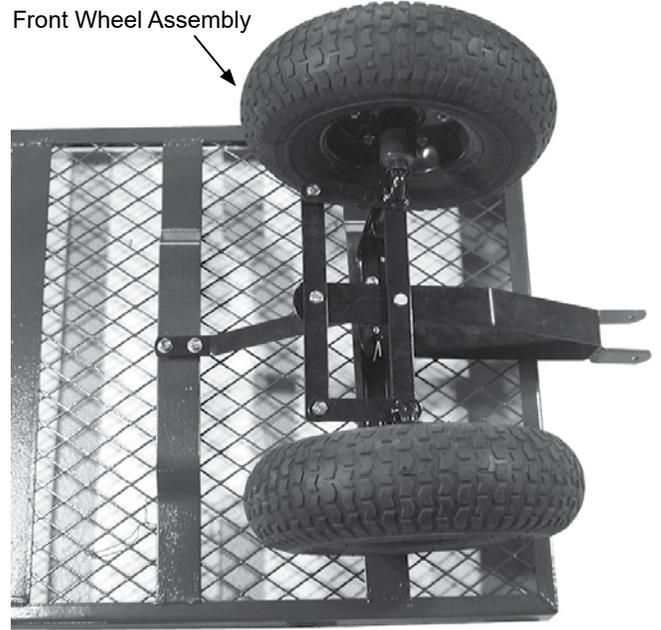


Wagon Bed (1)

3

BED ASSEMBLY (continued)

6. Align the holes of the front axle assembly with the four holes remaining on the wagon bed frame.
7. Secure in place using four (4) **M8x18 hex bolts**, M8 flat washers, and M8 locknuts as shown diagram B.
8. Slide handle coupler between ends of the yoke. Position the handle as desired and slide handle end into handle coupler. Align all holes.
9. Insert **M8x60 bolt** through all three parts and secure with a M8 flat washer and M8 locknut as shown in diagram C. Do not overtighten the locknut.
10. Tighten all connections and turn wagon onto its wheels. *Periodically check connections to make sure they are tight and secure.*
11. Check tire pressure and adjust as needed.



Slightly tighten bolt so the handle pivots freely.



Parts List and Tools Required



Flat Screwdriver



M8 Washers (5)



M8 Locknuts (5)



Socket/Wrench Set



M8x18 Hex Bolts (4)



Handle Coupler (1)



Pliers



M8x60 Hex Bolt (1)



Handle (1)