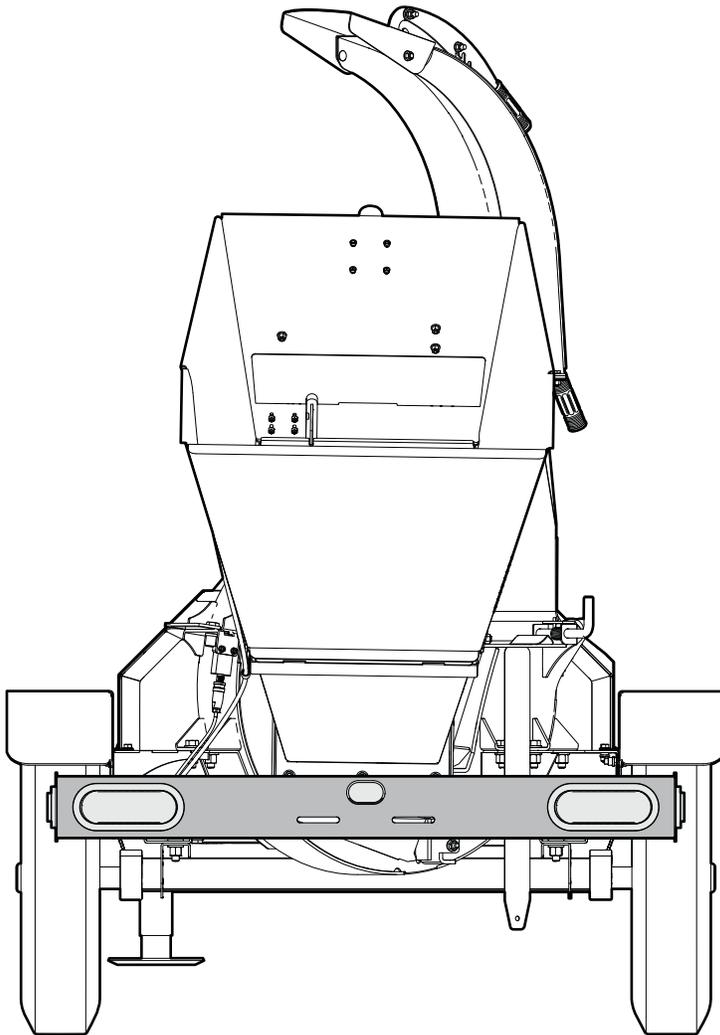


INSTALLATION INSTRUCTIONS

C601 Trailer Light Kit



Rev Dec-2023

Part Number: Z97854_En

WALLENSTEIN

1. Introduction

 **WARNING!**

Read the machine operator's manual before you install or use this accessory. Carefully read all the safety information and understand the safety labels that are on the machine. Failure to read and understand the machine information can result in serious personal injury or machine damage.

The C601 trailer light kit only works with BXT36S and BXT52S wood chipper models.

Illustrations are provided for reference only. It is possible that some details are not shown.

For support or service, contact your local Wallenstein Equipment dealer or distributor.

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2. Safety

WARNING!

Read the machine operator's manual before you install or use this accessory. Carefully read all the safety information and understand the safety labels that are on the machine. Failure to read and understand the machine information can result in serious personal injury or machine damage.

When you see this symbol, be aware of the possibility of personal injury or death. Follow the instructions in the safety message.



2.1 Safety Alert Symbol

This Safety Alert Symbol means:

ATTENTION! BE ALERT!

YOUR SAFETY IS INVOLVED!

The safety alert symbol identifies important safety messages on the machine and in the manual.

2.2 Signal Words

The signal words **DANGER**, **WARNING** and **CAUTION** identify the severity of a hazard to anyone who uses the machine. The applicable signal word for each message was selected using the following guidelines:

DANGER

Identifies a hazardous situation that, if not avoided, **will** result in serious injury or death. This signal word is used to tell anyone who uses the machine about the most hazardous situations and machine components that cannot be guarded against.

WARNING

Identifies a hazardous situation that, if not avoided, **could** result in serious injury or death. This signal word includes hazards that occur when guards are removed and can be used to tell anyone who uses the machine about unsafe practices.

CAUTION

Identifies a hazardous situation that, if not avoided, **could** result in minor or moderate injury. It can also be used to tell anyone who uses the machine about unsafe practices.

IMPORTANT – Identifies a situation that could result in damage to the machine or property, but is not a personal injury hazard.



Provides additional information that is helpful.

3. Accessory Components

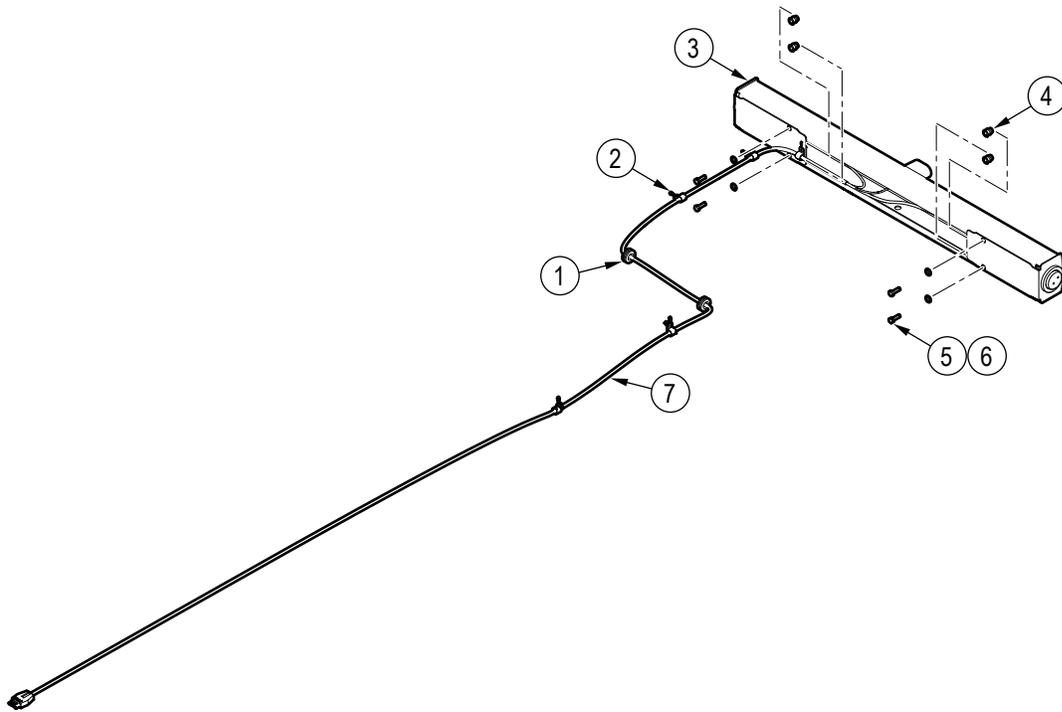


Figure 1 – Accessory components

| Item | Part Number | Description | Quantity |
|------|-------------|-------------------------|----------|
| 1 | Z62822 | Grommet | 2 |
| 2 | Z62828 | Cable clamp | 4 |
| 3 | 1066W504 | Light-bar assembly | 1 |
| 4 | Z72957 | Rivet nut, 5/16" NC | 4 |
| 5 | Z71210 | Hex bolt, 5/16" NC x 1" | 4 |
| 6 | Z73122G8 | SAE washer, 5/16" Gr. 8 | 4 |
| 7 | 1065F006 | Wire harness | 1 |

4. Install a Trailer Light Kit

WARNING!

Read the installation instructions fully before you start. Make sure that the accessory is installed correctly. Do not change any components. Incorrect installation or changes to the equipment can cause serious injury or damage the machine.

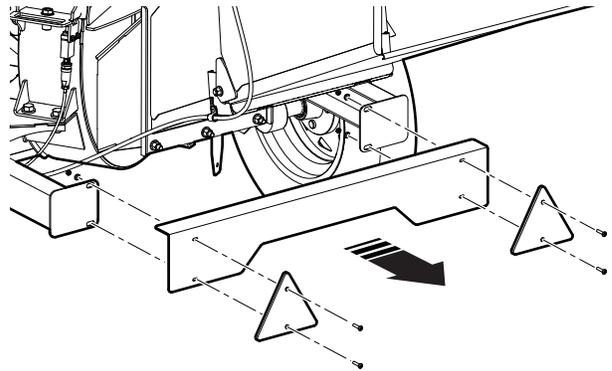
This procedure tells you how to install a C601 trailer light kit on a BXT36S or BXT52S wood chipper.

The trailer light kit item numbers are in brackets and are defined under *Accessory Components* on page 4.

Step 1

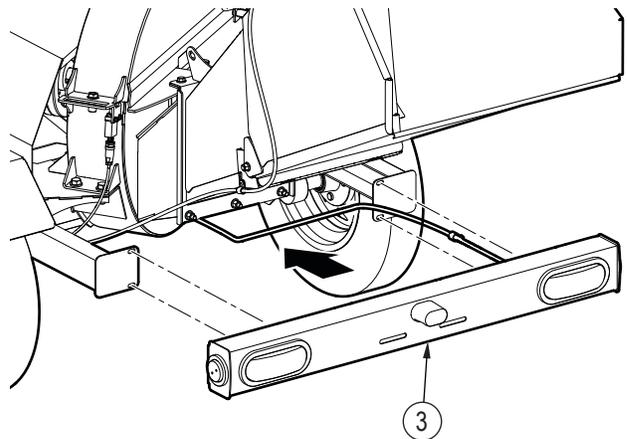
Remove the bumper and reflectors from the machine frame. Remove the four screws, four washers, and four nuts.

Set aside the fasteners and components. They are not necessary for installation.



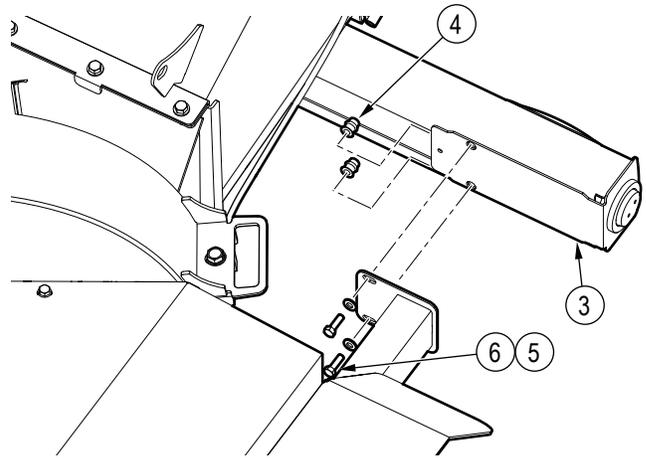
Step 2

Align the bolt holes on the light-bar assembly (3) with the bolt holes on the machine frame.



Step 3

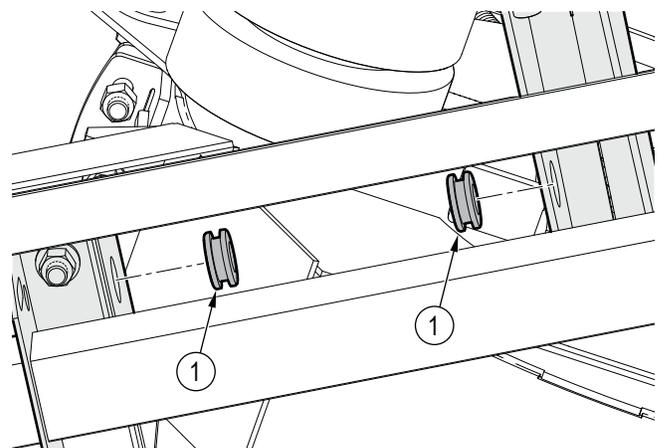
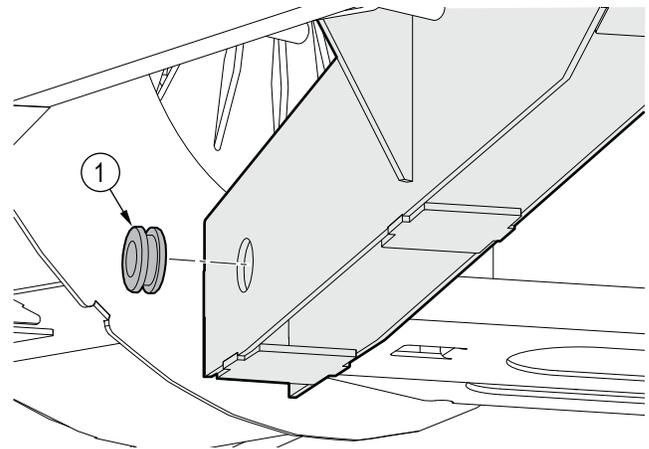
Install the light bar assembly (3) on the machine frame. Install the four bolts (5), four rivet nuts (4), and four washers (6) (only the left side of the machine is shown).



Step 4

Do one of the following:

- For a BXT36S model, install one grommet (1) on the machine frame.
- For a BXT52S model, install two grommets on the machine frame.



Step 5

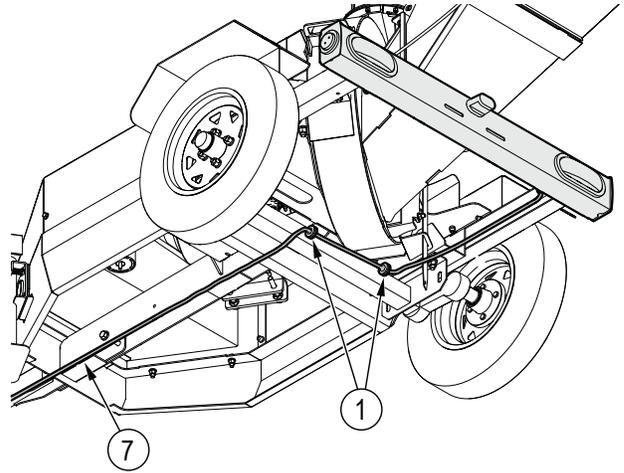
IMPORTANT! Be careful with the wire harness.



If you cannot get the wire harness through the grommet, cut the grommet on one side.

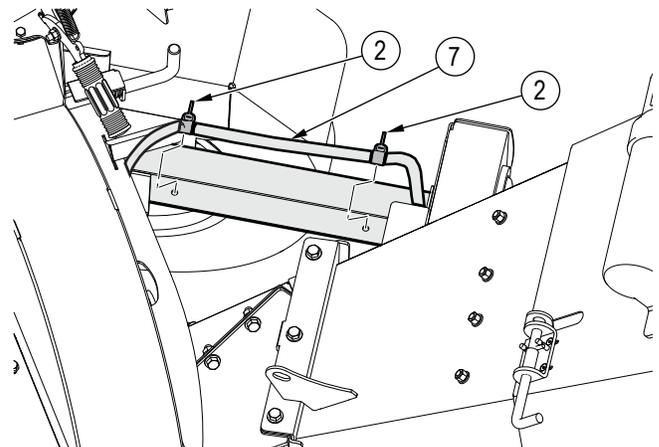
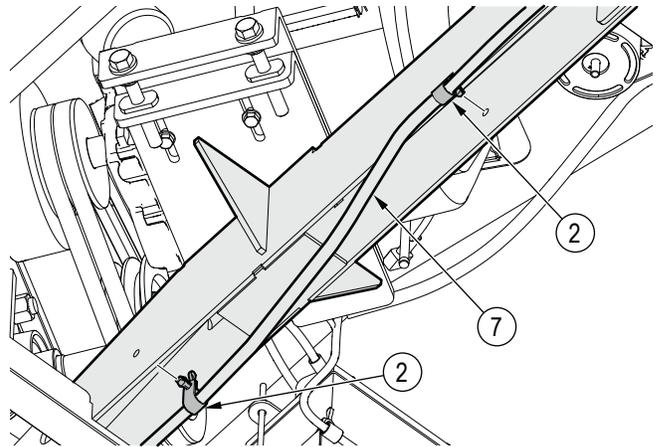
Do one of the following:

- For a BXT36S model, put the wire harness (7) through the grommet (1).
- For a BXT52S model, put the wire harness through the two grommets.



Step 6

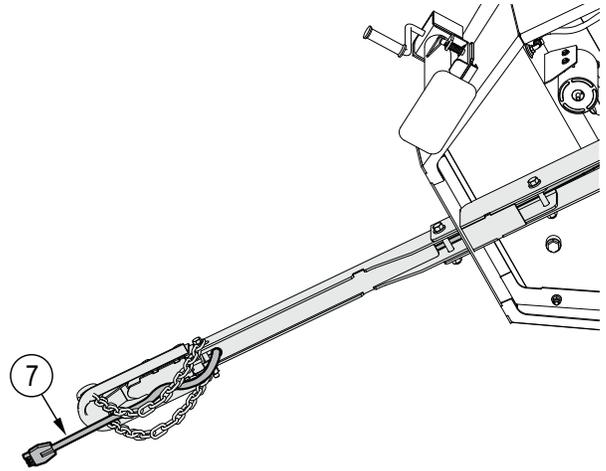
Put the wire harness (7) through the four cable clamps (2). Install the four cable clamps on the machine frame. Push the cable clamps into the holes.



Step 7

IMPORTANT! Be careful with the wire harness.

Put the wire harness (7) through the recesses in the trailer tongue



5. Test the Electrical Connection

This procedure tells you how to test the trailer light kit electrical connection. Two people are necessary to do the test.

For more information, see the wood chipper Operator's Manual.

1. Attach the machine to a tow vehicle.
For instructions, see the wood chipper Operator's Manual.
2. Stop the tow vehicle and apply the emergency brake.
3. Connect the wire harness to the tow vehicle.
4. Examine the wire harness to make sure that the wire harness length is correct.
Make sure that the wire harness does not touch the ground, but the tow vehicle can turn without tension on the wire harness.
5. Have one person stand a safe distance from the machine where they can see the trailer lights.

Have the second person start the tow vehicle.

Make sure that the tow vehicle emergency brake is on.

For instructions, see the tow vehicle manual.

6. Do each of the following at the same time:
 - If you are the person in the tow vehicle, operate each of the following lights:
 - Brake lights
 - Right side turn signal
 - Left side turn signal
 - If you are the person who can see the trailer lights, watch to see if the following lights illuminate:
 - License plate light (stays on)
 - Brake lights
 - Right side turn signal
 - Left side turn signal
7. Do one of the following:
 - If the trailer lights operate correctly, the wire harness is connected correctly.
 - If the trailer lights do not operate correctly, check the wire harness connection to the tow vehicle. Make sure that the connection is correct and tight.
For more help, contact your local Wallenstein dealer or distributor.
8. Stop the tow vehicle.
For instructions, see the tow vehicle manual.

6. Bolt Torque Specifications

IMPORTANT! If you replace hardware, use fasteners of the same grade.

IMPORTANT! The torque specifications in these tables are for non-greased or non-oiled threads. Do not grease or oil fastener threads unless otherwise indicated. When using a thread lock, increase the specified torque 5%.



Bolt grades are identified by the marks on the bolt head.

The bolt torque specification tables provide the correct torque settings for common bolts and capscrews. Tighten all bolts to the torque that is specified in the table, unless otherwise indicated. Check the bolt tightness periodically.

| Imperial Bolt Torque Specifications | | | | | | |
|-------------------------------------|-----------|-----|-----------|-----|-----------|-----|
| Bolt Diameter | Torque | | | | | |
| | SAE Gr. 2 | | SAE Gr. 5 | | SAE Gr. 8 | |
| | lbf•ft | N•m | lbf•ft | N•m | lbf•ft | N•m |
| 1/4 inch | 6 | 8 | 9 | 12 | 12 | 17 |
| 5/16 inch | 10 | 13 | 19 | 25 | 27 | 36 |
| 3/8 inch | 20 | 27 | 33 | 45 | 45 | 63 |
| 7/16 inch | 30 | 41 | 53 | 72 | 75 | 100 |
| 1/2 inch | 45 | 61 | 80 | 110 | 115 | 155 |
| 9/16 inch | 60 | 95 | 115 | 155 | 165 | 220 |
| 5/8 inch | 95 | 128 | 160 | 215 | 220 | 305 |
| 3/4 inch | 165 | 225 | 290 | 390 | 400 | 540 |
| 7/8 inch | 170 | 230 | 420 | 570 | 650 | 880 |



SAE Gr. 2



SAE Gr. 5



SAE Gr. 8

| Metric Bolt Torque Specifications | | | | |
|-----------------------------------|---------|-------|----------|-------|
| Bolt Diameter | Torque | | | |
| | Gr. 8.8 | | Gr. 10.9 | |
| | lbf•ft | N•m | lbf•ft | N•m |
| M3 | 0.4 | 0.5 | 1.3 | 1.8 |
| M4 | 2.2 | 3 | 3.3 | 4.5 |
| M6 | 7 | 10 | 11 | 15 |
| M8 | 18 | 25 | 26 | 35 |
| M10 | 37 | 50 | 52 | 70 |
| M12 | 66 | 90 | 92 | 125 |
| M14 | 83 | 112 | 116 | 158 |
| M16 | 166 | 225 | 229 | 310 |
| M20 | 321 | 435 | 450 | 610 |
| M30 | 1,103 | 1,495 | 1,550 | 2,100 |



8.8



10.9

7. Warranty



LIMITED WARRANTY

Wallenstein products are warranted to be free of defects in materials and workmanship under normal use and service, for a period of

Five Years for Consumer Use

Two Years for Commercial/Rental Use

from the date of purchase, when operated and maintained in accordance with the operating and maintenance instructions supplied with the unit. Warranty is limited to the repair of the product and/or replacement of parts.

This warranty is extended only to the original purchaser and is not transferable.

Repairs must be done by an authorized dealer. Products will be returned to the dealer at the customer's expense. Include the original purchase receipt with any claim.

This warranty does not cover the following:

- 1) Normal maintenance or adjustments
- 2) Normal replacement of wearable and service parts
- 3) Consequential damage, indirect damage, or loss of profits
- 4) Damages resulting from:
 - Misuse, negligence, accident, theft or fire
 - Use of improper or insufficient fuel, fluids or lubricants
 - Use of parts or aftermarket accessories other than genuine Wallenstein parts
 - Modifications, alteration, tampering or improper repair performed by parties other than an authorized dealer
 - Any device or accessories installed by parties other than an authorized dealer
- 5) Engines. Engines are covered by the manufacturer of the engine for the warranty period they specify. For the details of your engine warranty, see your engine owner's manual. Information about engine warranty and service is also available in the FAQ section at www.wallensteinequipment.com



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