



OVER 250 MODELS AVAILABLE



WLEZE-LIFT SERIES **Highway Trailers**

IMPORTANT

Read this manual before operation

WEBERLANE TRAILER MANUFACTURING

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INTRODUCTION

Weberlane Manufacturing takes this opportunity of thanking and welcoming you as the owner of a Weberlane Trailer.

We want your trailer to be the most efficient and productive piece of equipment you have. This small manual will help you to achieve this objective.

The correct parts and maintenance of your machine is very important to prevent downtime and equipment damage.

Please take special note of the Recommendations and Warnings on page 4 and the Operation Instructions on pages 5 and 6.

Correctly maintained and operated this machine will give many years of service. If you have any questions or concerns please contact the dealer who supplied you this machine. They have trained technicians who will be able to help you.

IMPORTANT

- Please ensure this booklet is read and understood by every person who will be operating this machine.
- Also ensure that this booklet goes with the machine if it is resold and that it is read and understood by the new owner.

SAFETY FEATURES

1. Make sure safety chains are securely fastened before towing trailer.
2. Do not exceed axle limit when hauling large loads.
3. All safety latches and hooks should be fastened before moving trailer.
4. Trailer should be attached to a tractor or truck when loading and unloading.
5. Do not allow passengers to ride on or in trailer for any reason.
6. When attaching to vehicle, be sure all persons are out of the way of vehicle.
7. All trailer lights need to be working properly.

WARRANTY

Weberlane warrants new products sold by us to be free from defects in material and workmanship up to 12 months after delivery to the initial user. This warranty is for the replacement or repair of any part found to be defective during the warranty period. Replacement parts provided under the terms of this warranty are covered for the remainder of the warranty period applicable to the product in which they are installed as if such parts were original components of the product.

Weberlane expressly disclaims any responsibility for damages to the trim and appearance items located in or on the unit where damage is due to condensation, normal wear and tear, or exposure to the elements. Weberlane makes no warranty with regard to tires, tubes, batteries, brakes, routine maintenance, equipment and appliances which show signs of normal wear and tear. Some of these items may be warranted by their respective manufacturers and suppliers. All warranty information with respect to these items is available from your dealer.

The sole responsibility of Weberlane Manufacturing under this limited warranty shall be to repair and replace parts at the Weberlane Manufacturing factory, or at a Weberlane Manufacturing authorized dealer or facility with prior written approval by Weberlane. All other obligations or liabilities, including incidental or consequential damages or contingent liabilities arising out of the failure of any parts to operate properly, are hereby excluded but not limited to any general or specific, foreseen or unforeseen, unless applicable provincial law provides otherwise. Weberlane will not reimburse any claimant for any adjustment or repair of a Weberlane trailer without prior written approval by Weberlane.

Weberlane Manufacturing is not responsible for damages caused by accidents, negligence, abuse, misapplication, or misuse of a trailer or any of its component parts. Loading in excess of gross vehicle load ratings stated on the certificate will invalidate any and all warranties. Any modifications, alterations, or repair to any product manufactured by Weberlane without Weberlane's prior knowledge and consent will void manufacturer's warranty.

RECOMMENDATIONS

We strongly recommend performing regular inspections of the entire machine to identify any signs of premature wear. If any cracks, fractures, or damage to the steel or welds are found, contact Weberlane immediately.

Before the machine is placed into service, verify that all major bolts are properly tightened. After purchase, inspect and re-tighten these bolts every six months during the first year of operation, and annually thereafter.

Upon delivery, all wheel nuts must be torqued to the manufacturer's specified values. Wheel torque should be checked regularly to ensure safe operation. Refer to the wheel torque specification for each hub size on pages 30 to 33 of this manual for torque requirements applicable to all models.

Clean the exterior of your trailer as you would clean your vehicle. Use only gentle soap and water to avoid any damage to the paint job.

Do not use strong acids, bleach, or harsh alkaline cleaners, as they can damage painted, galvanized, or aluminum surfaces.

Avoid steam cleaning or high-pressure washing directly at wheel bearings, brake components, seals, decals, or electrical connections.

WARNINGS

To operate this machine on the open road it must comply with North American towing regulations. To operate this machine in other off-road operations it must comply with farm safety regulations.

Do not operate while standing in or close to the machine or it's moving parts. Do not make any adjustments while the machine is operating. Beware of surroundings when operating this machine to prevent injury to personnel and to prevent damage to this machine.

OPERATION INSTRUCTIONS

SETTING UP:

If your trailer was shipped without the wheels installed, do not operate the trailer until the wheels have been properly mounted and torqued to the manufacturer's specified torque values. Operating the trailer without the wheels installed may result in equipment damage and could create a serious safety hazard. If the wheels were installed prior to delivery, this section does not apply and you may proceed to the next section of this manual.

As illustrated in *figure 1* your trailer may be delivered without the wheels installed. If your trailer was received in this configuration, locate the wheel mounting hardware package, which is supplied inside the trailer bed with the wheels. You will need these before beginning installation.

Install each wheel using the following procedure:

- 1. Position the Wheel onto the Hub**
- 2. Hand-Tighten all Wheel Nuts to Ensure Proper Alignment**
- 3. Tighten the Wheel Nuts using a Calibrated Torque Wrench**
- 4. Repeat the Process for all Four Wheels**

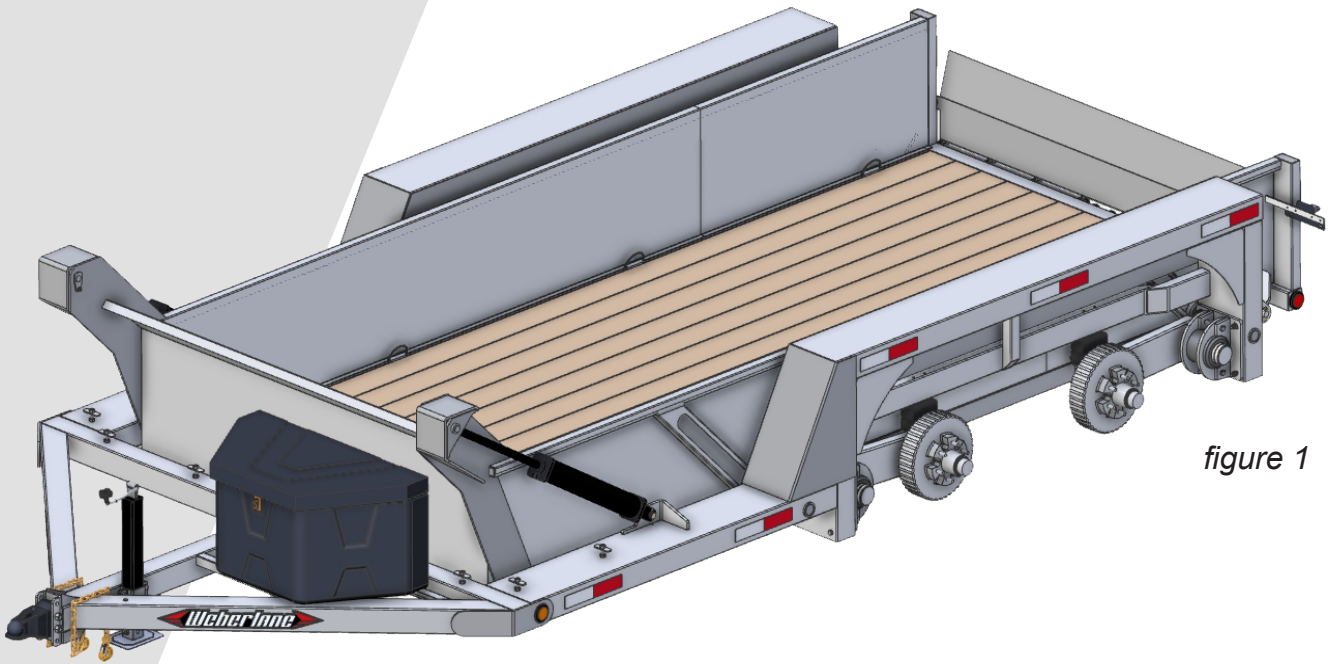


figure 1

OPERATION INSTRUCTIONS CONT.

TRAILER PREPARATION

Before operating the trailer, complete the following checks:

1. Ensure the trailer coupler is properly connected to the tow vehicle hitch and that the coupler latch is fully secured
2. Attach the safety chains to the tow vehicle
3. Fully retract and secure the trailer jack

LOWERING THE TRAILER DECK

To lower the trailer deck for loading or unloading you must:

1. Remove the linch pins from both sides of the trailer to release the deck locks
2. Open the front toolbox and remove the hydraulic remote control
3. Press and hold the **DOWN** button until the trailer deck is fully lowered
4. Remove the linch pins from both sides of the rear ramp to release the locks
5. Using the built-in handles, carefully lower the ramp flap by hand until it rests on the ground

LOADING THE TRAILER

To safely load equipment onto the trailer you must:

1. Carefully drive or position the equipment onto the trailer deck
2. Secure the equipment using the designated D-rings with approved tie-down straps or chains
3. Raise the rear ramp flap to the upright position
4. Reinstall the linch pins on both sides to secure the ramp
5. Press and hold the **UP** button on the remote control until the trailer deck is fully raised
6. Re-install the linch pins on both sides of the trailer to secure the deck

UNLOADING

To safely unload equipment of of the trailer you must:

1. Follow the steps 1 through 5 above in Lowering the Trailer Deck
 2. Carefully drive or move the equipment off the trailer
 3. Once unloading is complete, repeate Loading the Trailer steps 3 through 6
- Always operate the trailer on a firm, level surface
 - Ensure personnel are clear of the trailer before raising or lowering the deck

LIFT CONTROLS

The trailer is equipped with a hydraulic power pack and handheld remote control (See *figure 2*) which are located in the front tool box. These components allow the operator to safely raise and lower the trailer deck. Before operating the controls, ensure the trailer is parked on a firm, level surface, the towing vehicle is securely attached, and all personnel are clear of the trailer and surrounding work area.

IMPORTANT: Always verify that both rear bed locks (linch pins) have been fully disengaged before attempting to raise or lower the deck. Operating the hydraulic system with the locks engaged may result in equipment damage or create an unsafe operating condition.

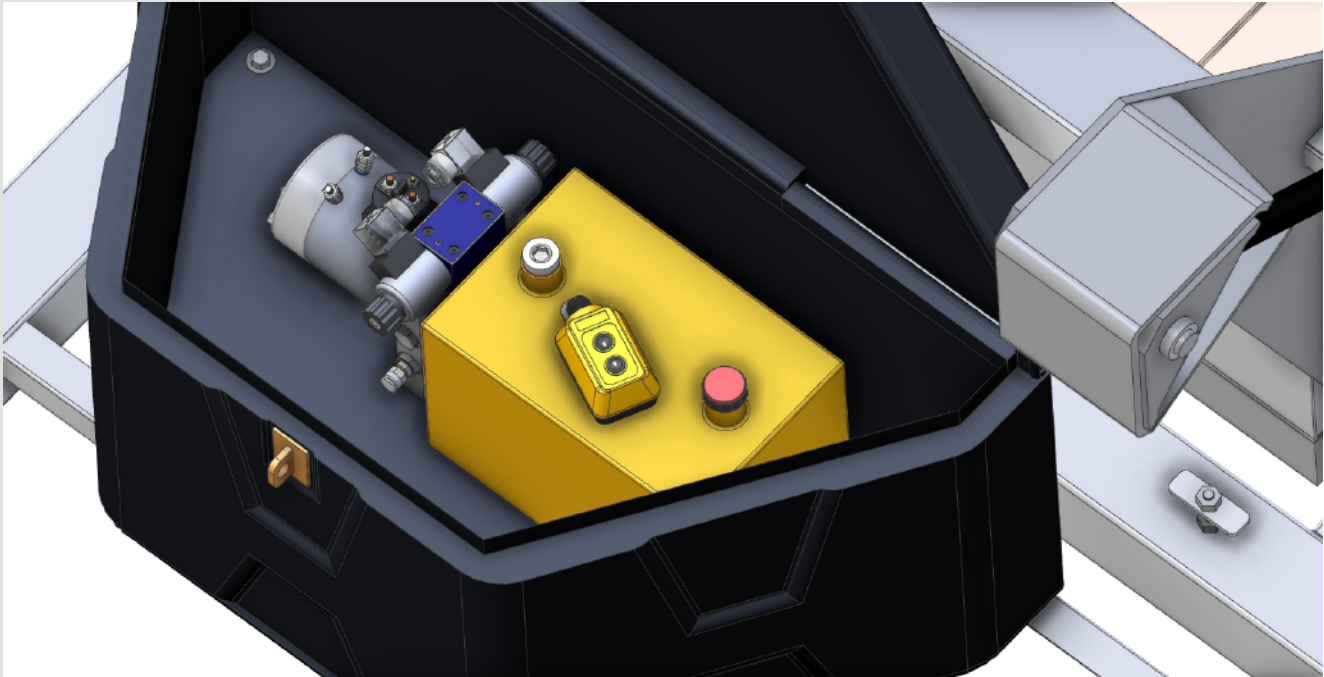


figure 2

Note: For clarity, *figure 2* does not depict the battery, hydraulic hoses, or electrical wiring. These components have been intentionally omitted to provide a clearer view of the hydraulic power pack and its primary operating controls.

GREASE POINTS

The following is a diagram showing all the grease points on your machine (see figures 3-5). All grease points have been numbered so that they can easily be located on the machine. As you can see, two of the grease points are located under the machine, so it is beneficial to invest in a roller seat or creeper for easier access. The remaining grease points are located on the rear of the trailer.

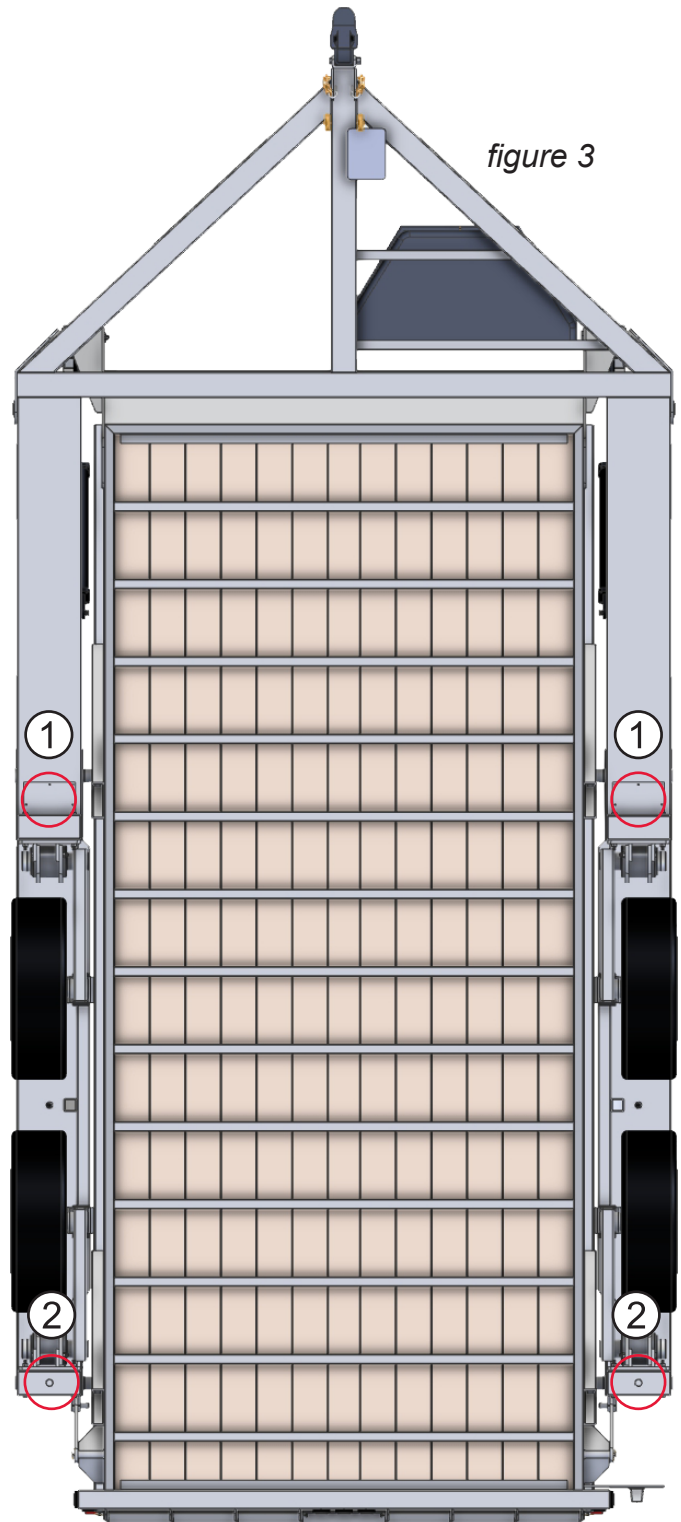
It is highly recommended that you grease all of the points a minimum of every 10,000 to 12,000 miles or once a year, whichever comes first.

GREASE POINT LOCATIONS:

1. Front Roller Grease Fitting
2. Rear Roller Grease Fitting

On highway trailers, grease points are vital for reducing friction, preventing component seizure, and ensuring safety by maintaining wheel bearings and suspension parts. Proper lubrication prevents catastrophic highway blowouts, and expensive structural wear.

Failure to do so can result in costly bearing or component failures, or worse, major safety issues.



GREASE POINTS CONT.

Proper lubrication is essential for the safe operation and long service life of your Weberlane EZE-Lift Series trailer. Weberlane has identified four primary grease points that should be lubricated using a high-quality heavy-duty lithium-based grease. Before greasing, clean each grease fitting to prevent contaminants from entering the grease points. Apply grease until fresh grease is visible, then wipe away any excess.

The following figures illustrate the grease points located on the left side of the trailer. Identical grease fittings are located on the right side of the trailer.

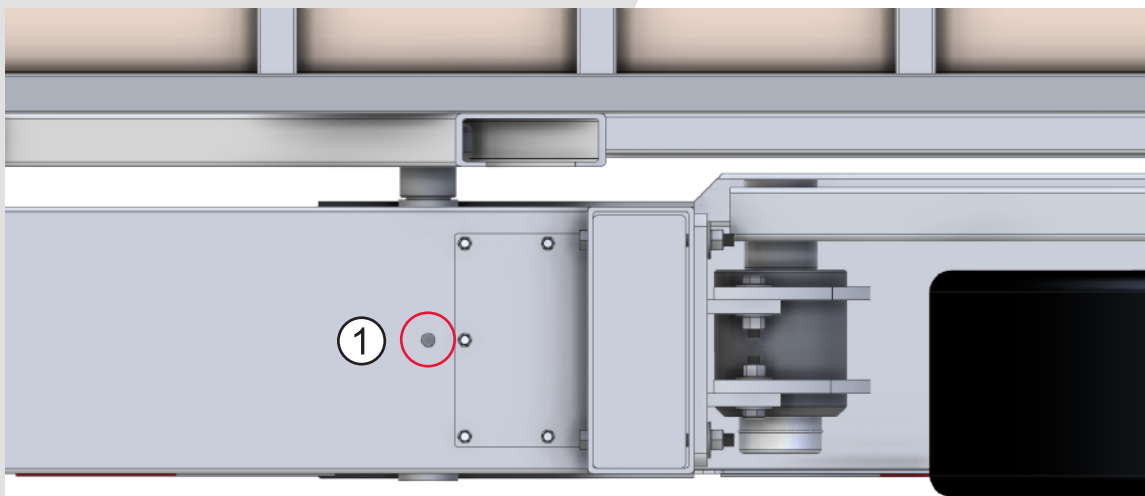


figure 4

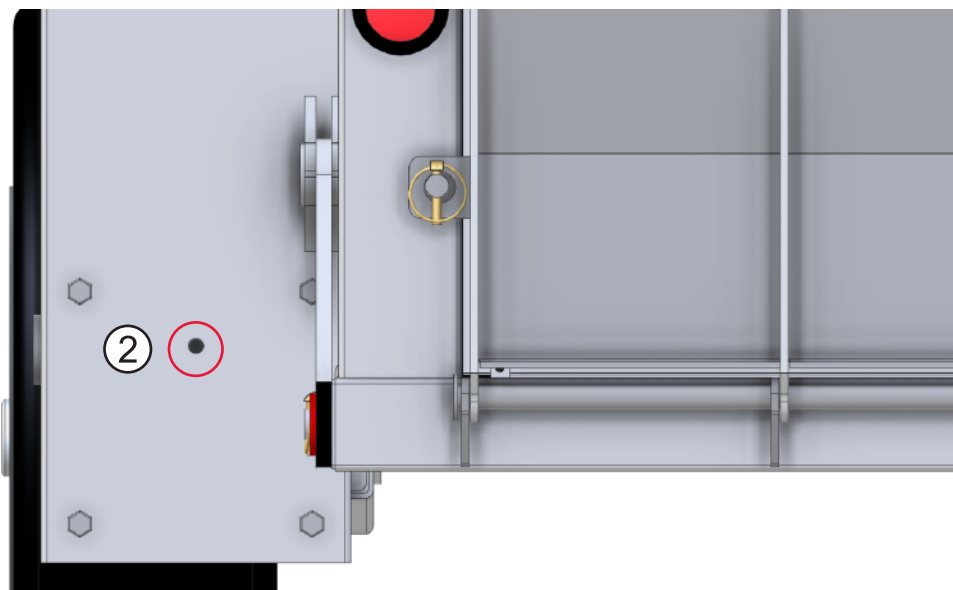


figure 5

PARTS BREAKDOWN

To replace parts please contact **Weberlane's Parts Department** with your model and serial number for exact parts.

ADJUSTABLE COUPLER - Part # - COUPLERADJ2516

In order to replace this part you must (See figures 6-7):

1. Ensure all machinery is turned off
2. Remove 5/8" nuts(2) and 5/8" x 4.5" bolts(2)
3. Remove Coupler
4. Slide in replacement Coupler
5. Reattach nuts and bolts
6. Tighten firmly

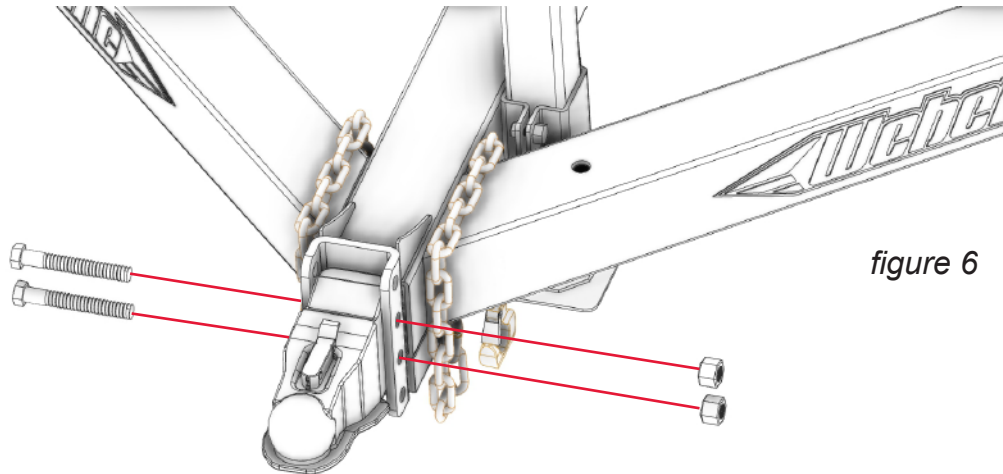


figure 6

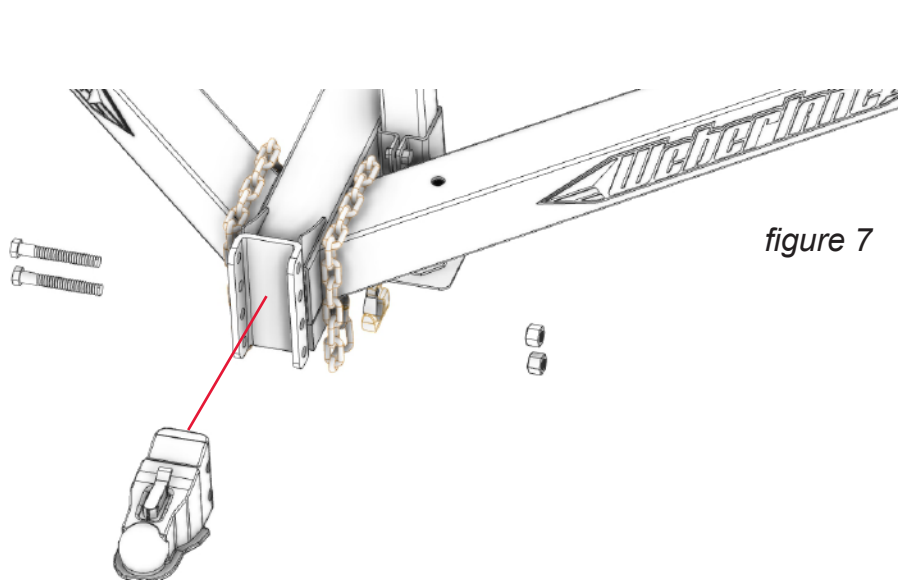


figure 7

PARTS BREAKDOWN CONT.

SAFETY CHAINS - Part # - 76-SC-11000

In order to replace this part you must (See figures 8-10):

1. Ensure all machinery is turned off
2. Unscrew Anchor Shackle Pin and remove
3. Unhook Anchor Shackle Bow from Safety Chain
4. Remove Safety Chain
5. Attach replacement Safety Chain to Anchor Shackle Bow
6. Line up Anchor Shackle Bow with hole
7. Screw in Anchor Shackle Pin
8. Tighten firmly
9. Repeat these steps on other side of the hitch in order to remove second Safety Chain

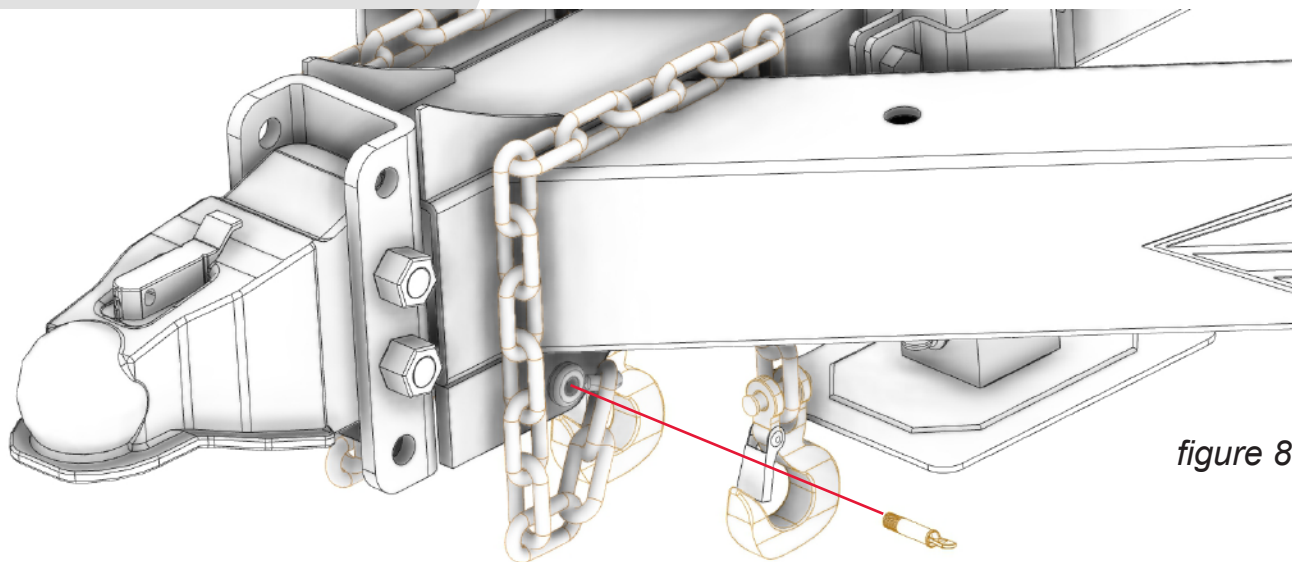
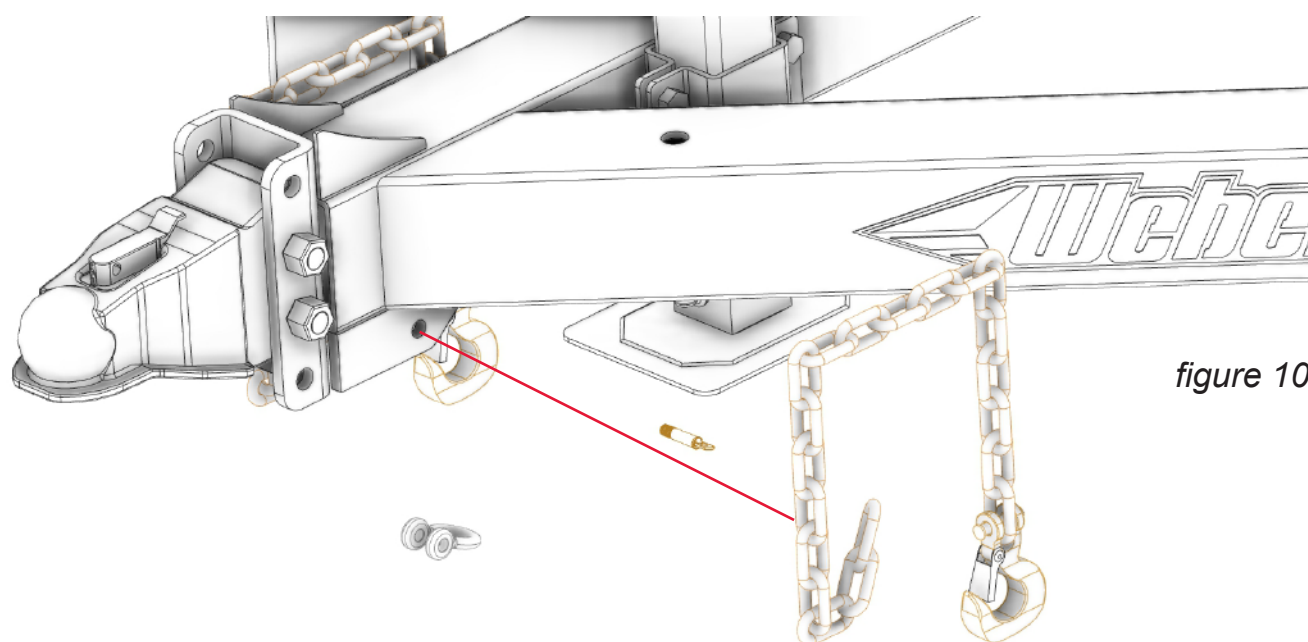
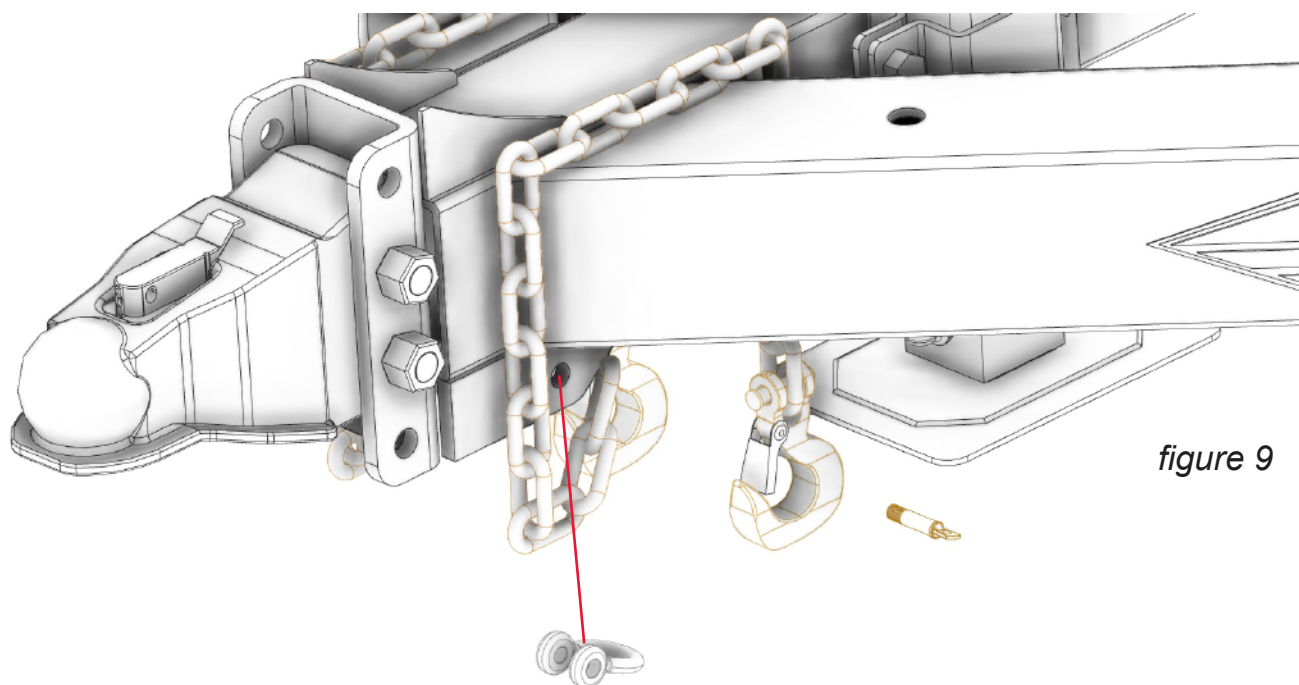


figure 8

PARTS BREAKDOWN CONT.



PARTS BREAKDOWN CONT.

TONGUE JACK - Part # - 78-70SP28F

In order to replace this part you must (See figures 11-14):

1. Ensure all machinery is turned off
2. Unscrew 3/8" nuts(4)
3. Slide out 3/8" x 3/4" bolts(4)
4. Remove outside Mounting Channel
5. Remove Tongue Jack
6. Position replacement Tongue Jack into Mounting Channel
7. Place outside Mounting Channel back onto Tongue Jack
8. Slide bolts back into Mounting Channel
9. Reattach nuts
10. Tighten firmly

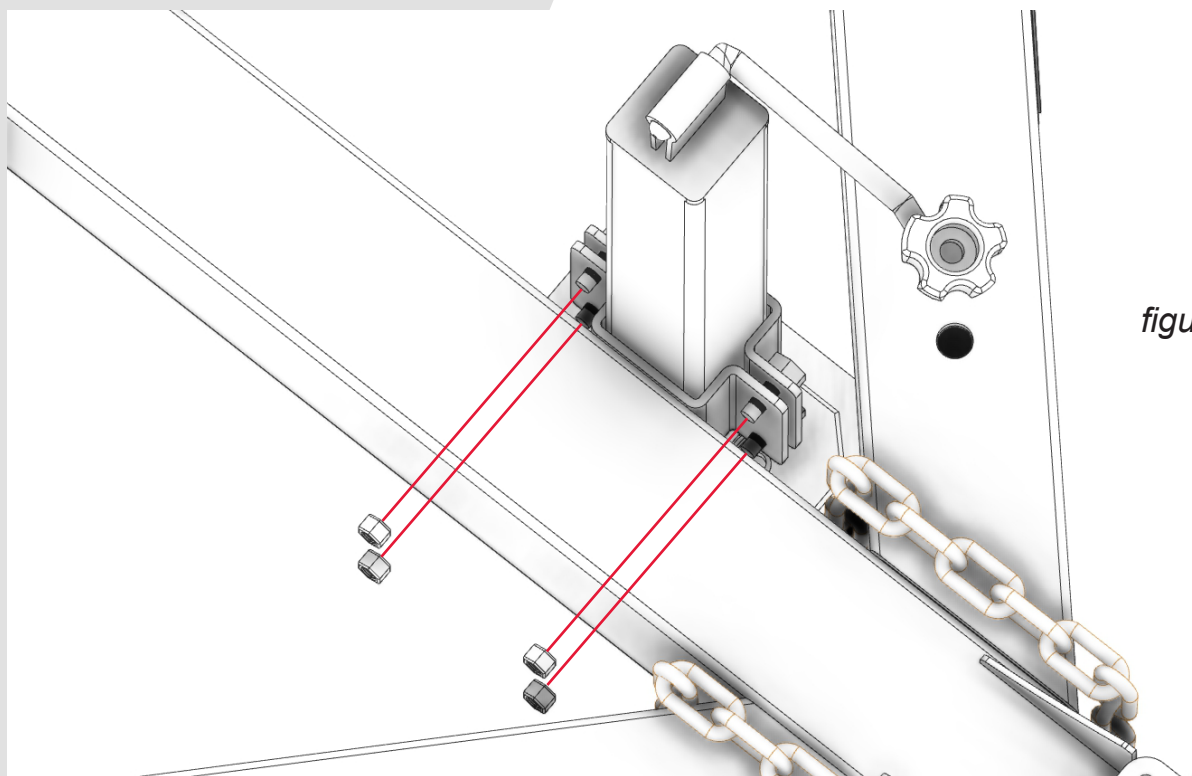


figure 11

PARTS BREAKDOWN CONT.

figure 12

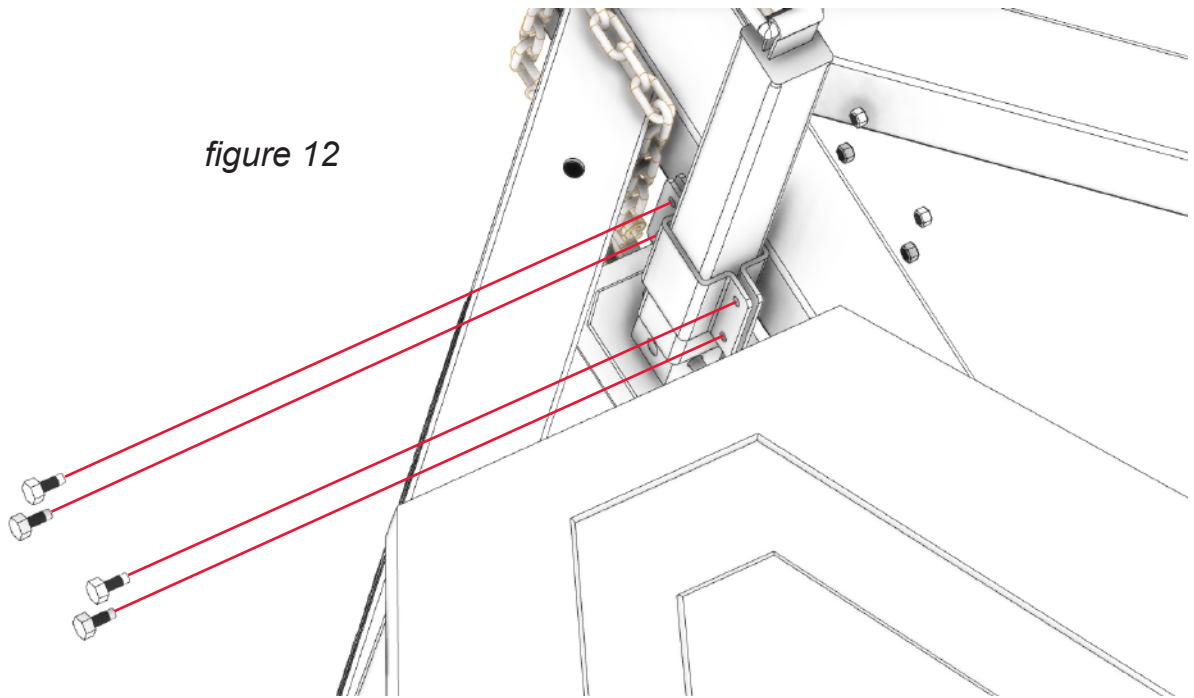
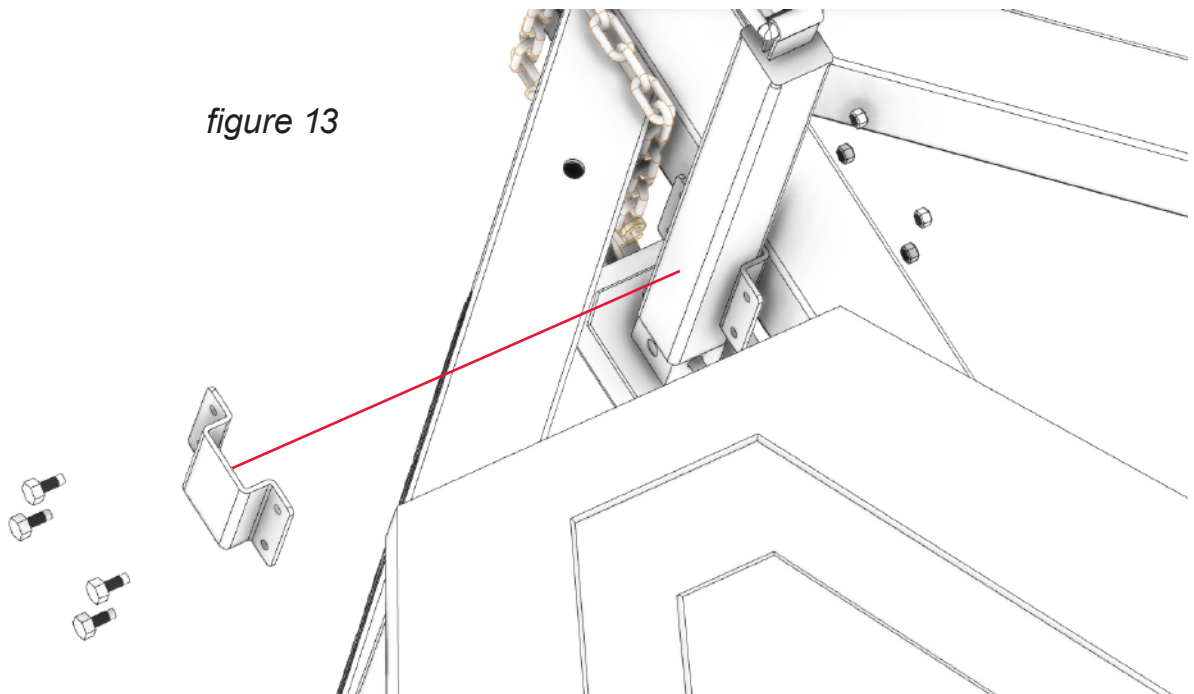
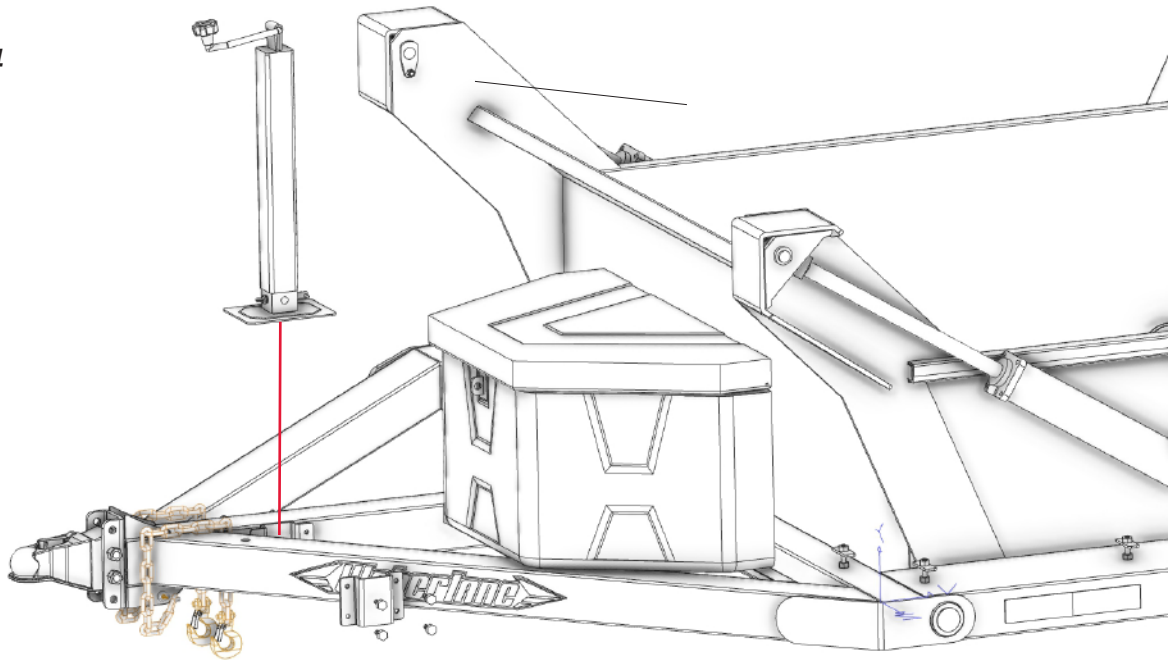


figure 13



PARTS BREAKDOWN CONT.

figure 14



POWER PACK - Part # - EAGPU12A20V1230

In order to replace this part you must (See figures 15-18):

1. Ensure all machinery is turned off
2. Ensure the trailer box is lowered to the ground or floor and that it is secured to prevent it from falling and causing damages or injury
3. Open the polyurethane tool box located on the trailers tongue
4. Carefully unhook the battery from the Power Pack
5. Carefully unhook the hydraulic hose from the Power Pack
6. Unscrew both 1/4" x 1-1/2" bolts from the bottom of the tool box and remove
7. Remove both 1/4" washers if they do not come out with the bolts
8. Carefully lift (heavy) entire Power Pack out of the tool box
9. Replace Power Pack
10. Position both washers over the holes in the bottom of the tool box
11. Screw both bolts back in to the bottom of the tool box
12. Tighten firmly
13. Hook the battery back up to the Power Pack
14. Hook the hydraulic hose back up to the Power Pack

PARTS BREAKDOWN CONT.

figure 15

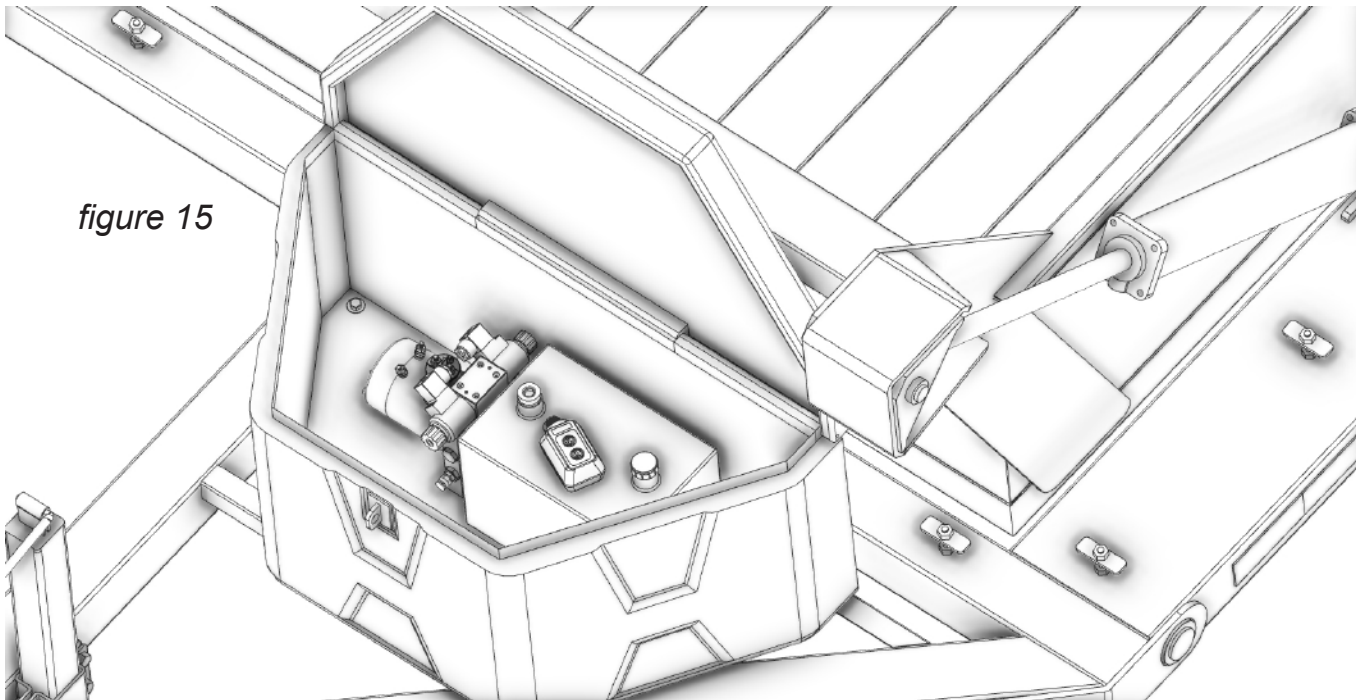
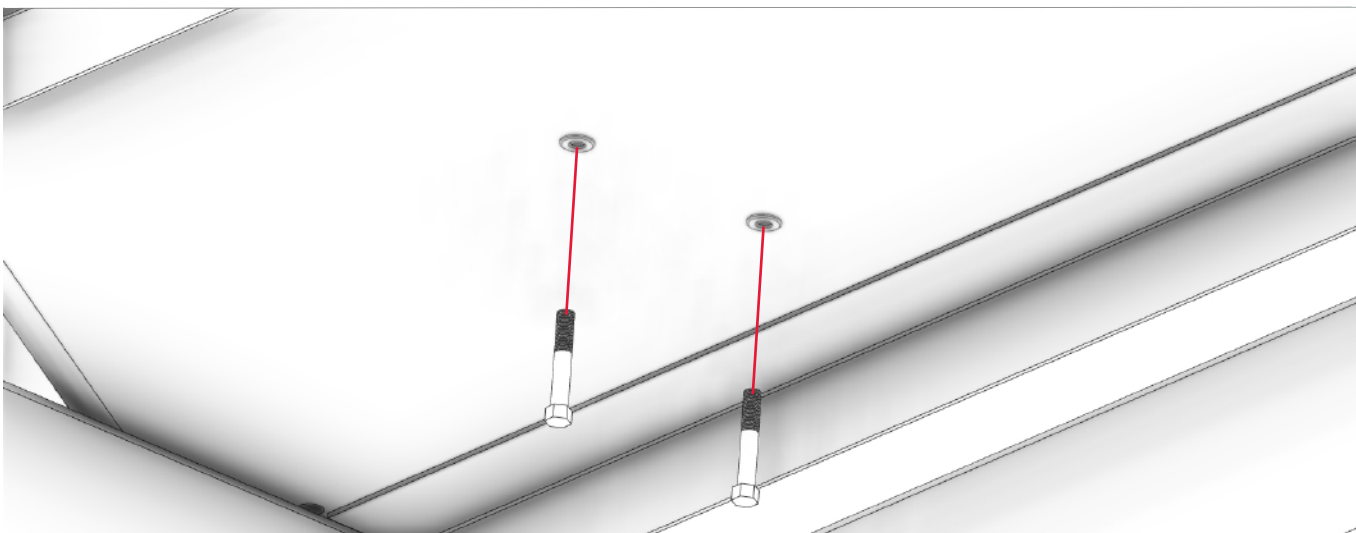


figure 16



PARTS BREAKDOWN CONT.

figure 17

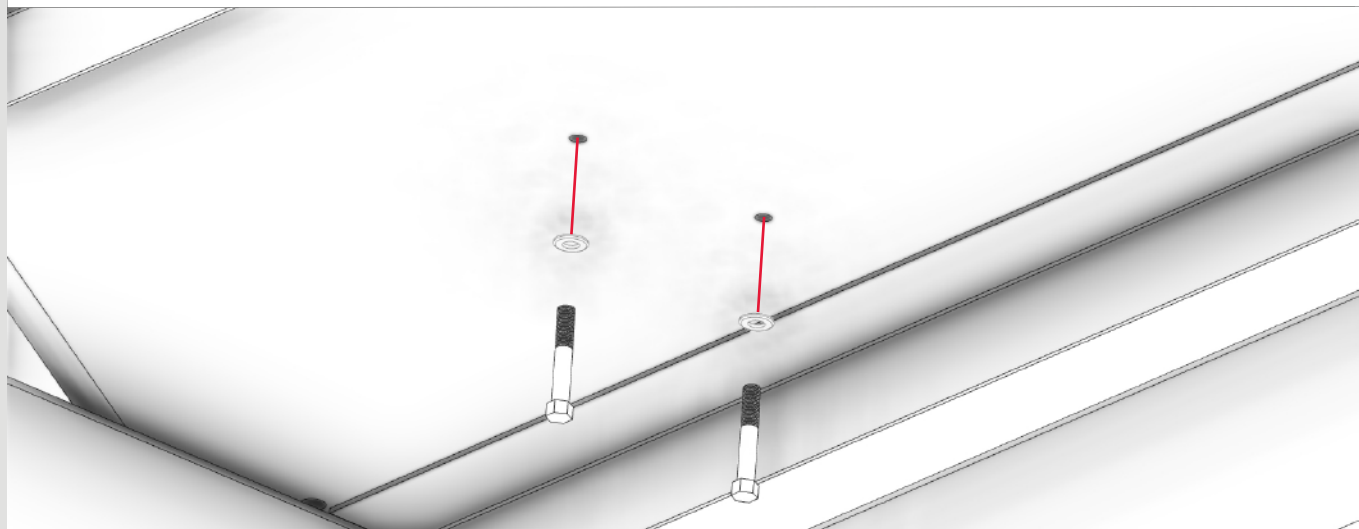
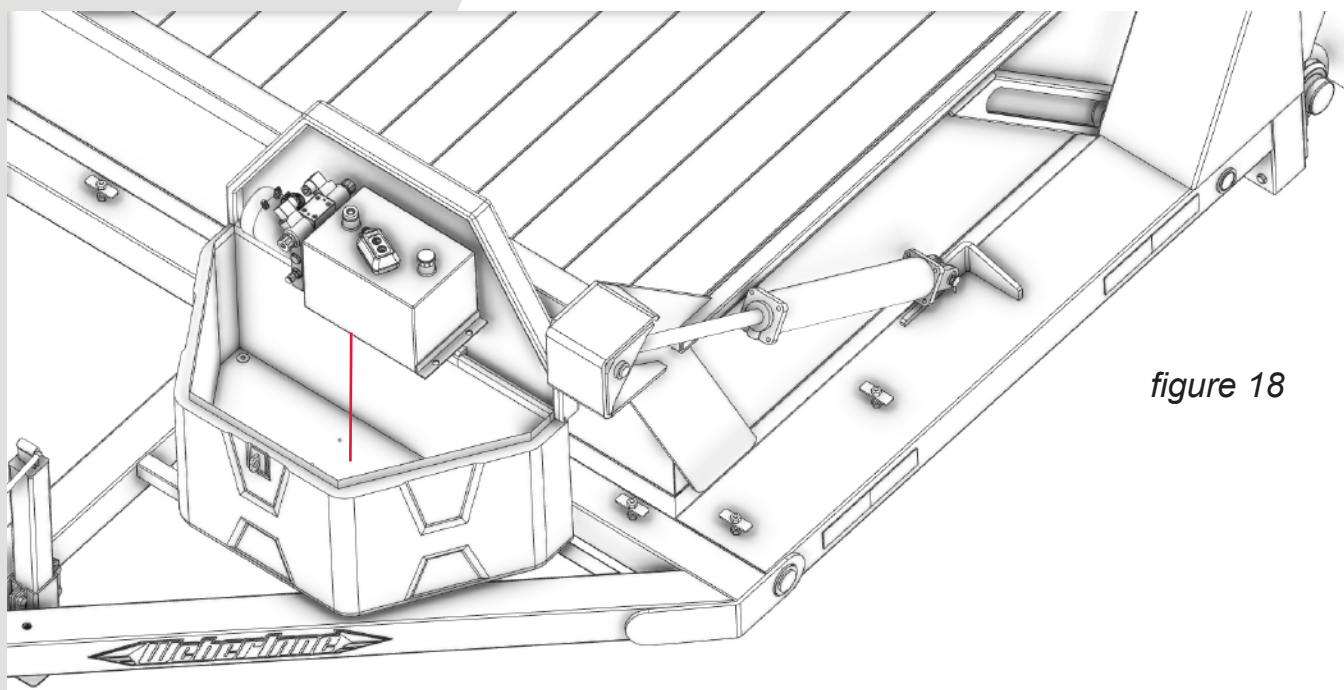


figure 18



PARTS BREAKDOWN CONT.

FRONT TOOL BOX - Part # - 10-RV-250

In order to replace this part you must (*See figures 19-23*):

1. Ensure all machinery is turned off
2. Carefully unhook the battery from the power pack
3. Carefully unhook the hydraulic hose from the power pack
4. Remove power pack (*see pages 15-17*)
5. Unscrew 3/8" nuts(4) from underneath the Tool Box
6. Slide out 3/8" x 1-3/4" bolts(4) from inside the Tool Box
7. Remove 3/8" washers(4) from inside the Tool Box
8. Remove Tool Box
9. Replace Tool Box
10. Reattach power pack
11. Hook up battery to power pack
12. Hook up hydraulic hoses to power pack
13. Line up washers over the holes inside the Tool Box
14. Reattach nuts and bolts
15. Tighten firmly

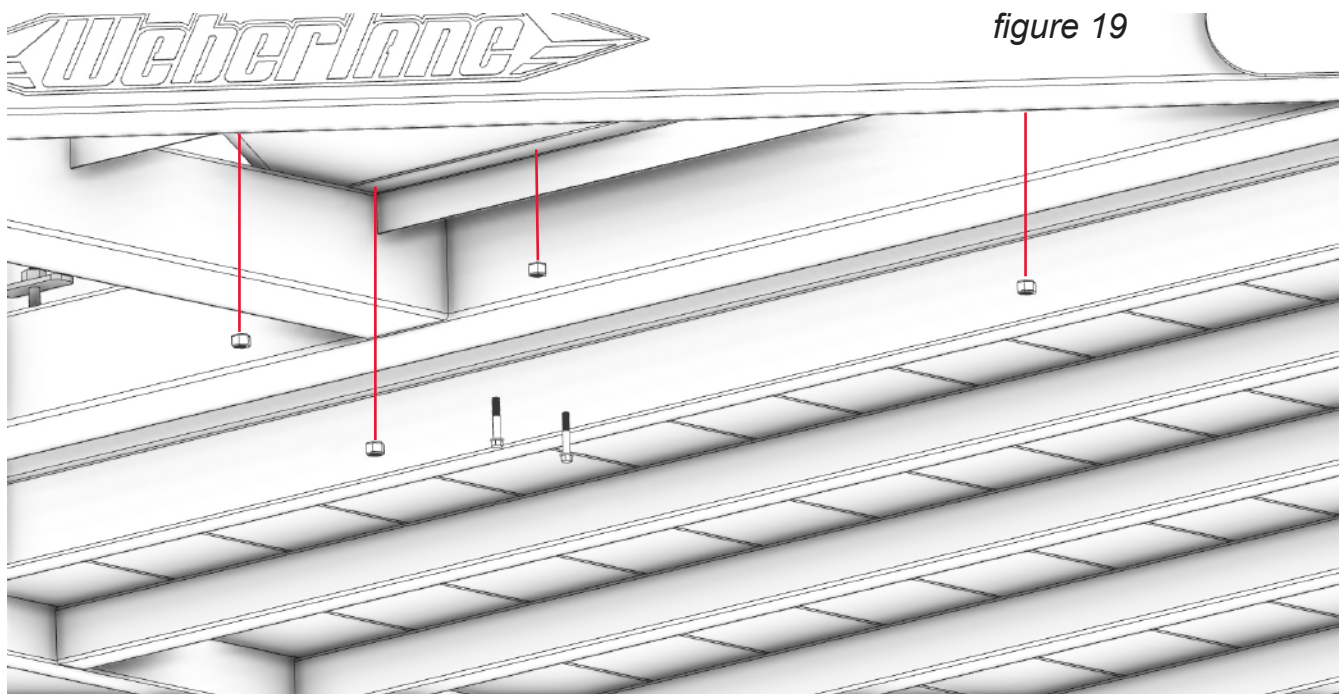
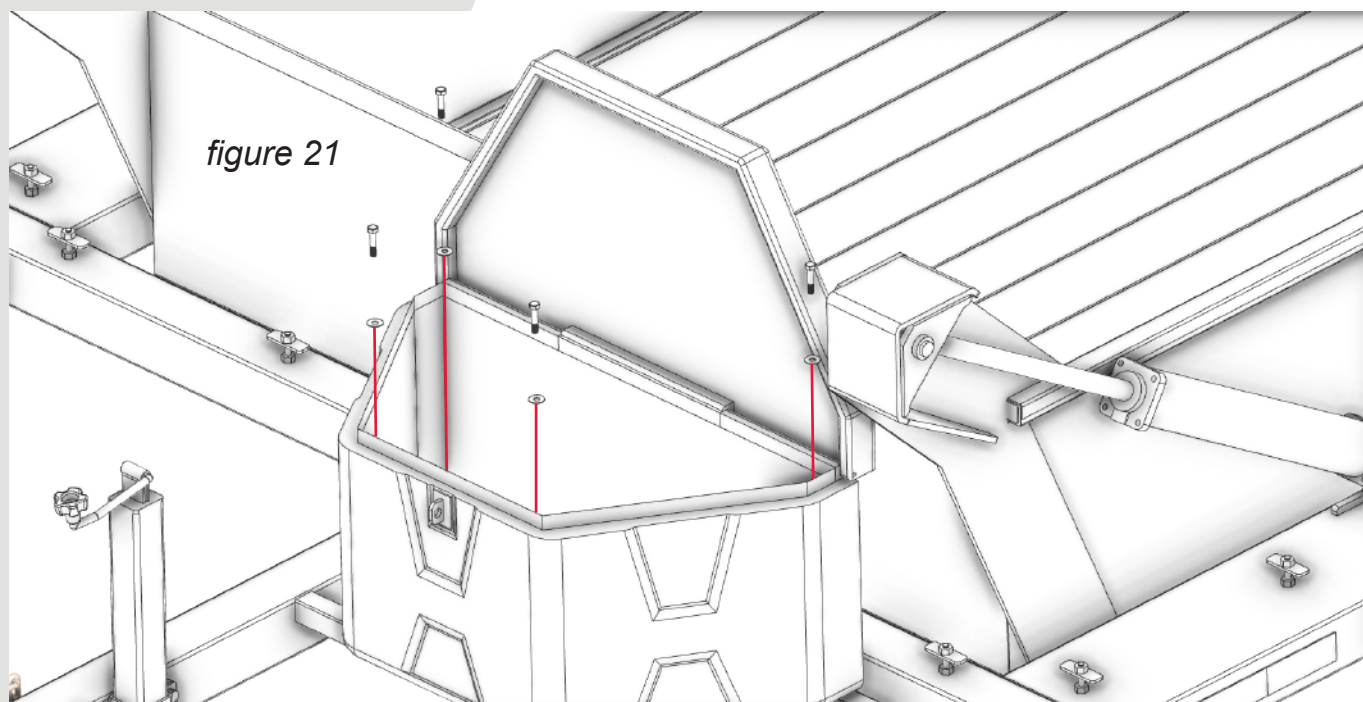
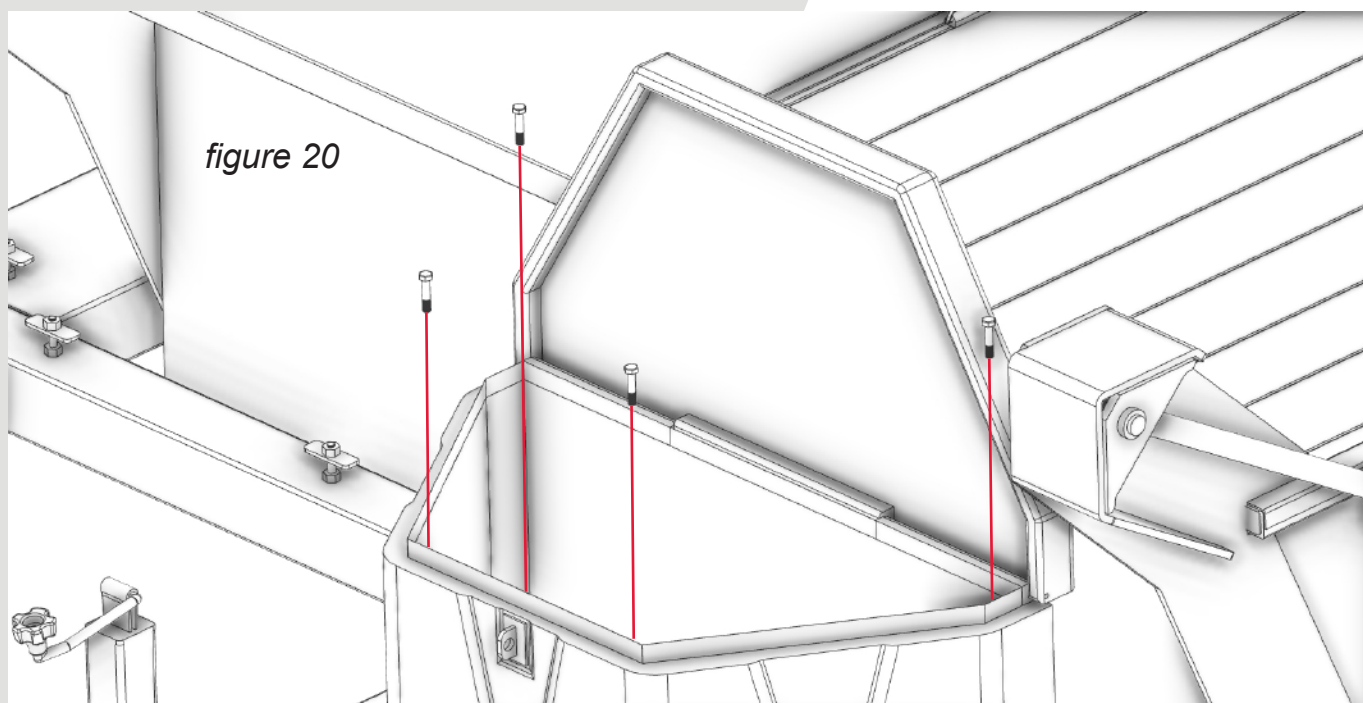


figure 19

PARTS BREAKDOWN CONT.



PARTS BREAKDOWN CONT.

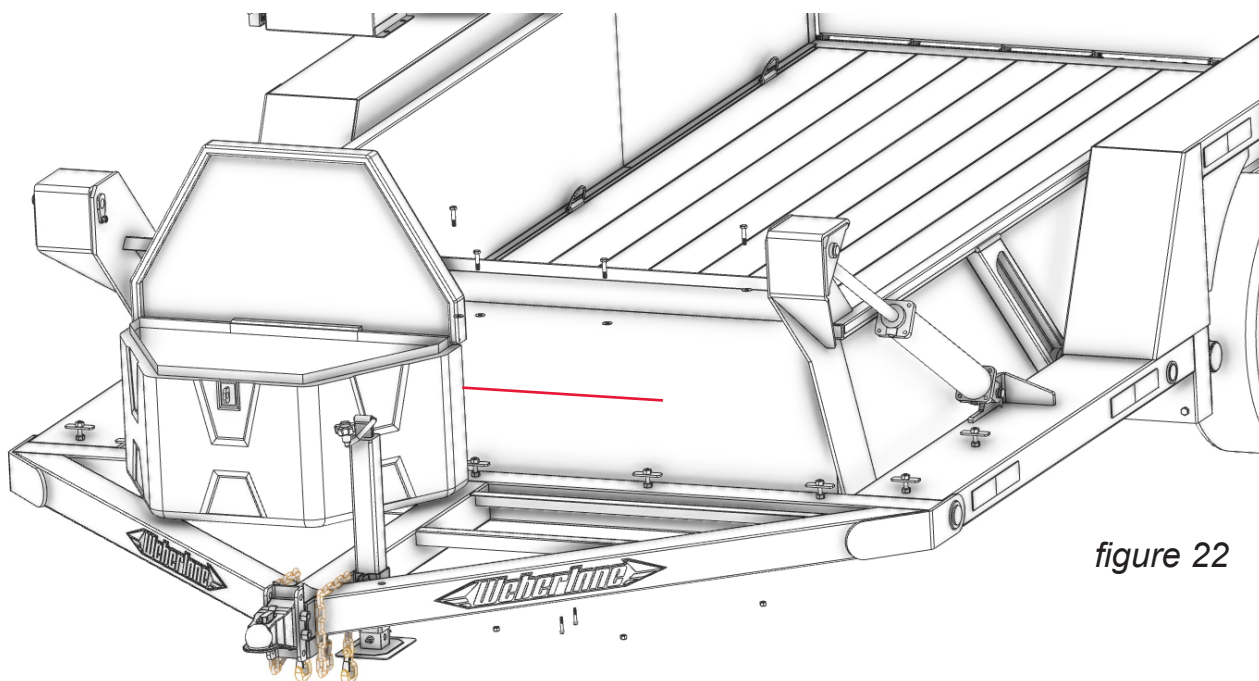


figure 22

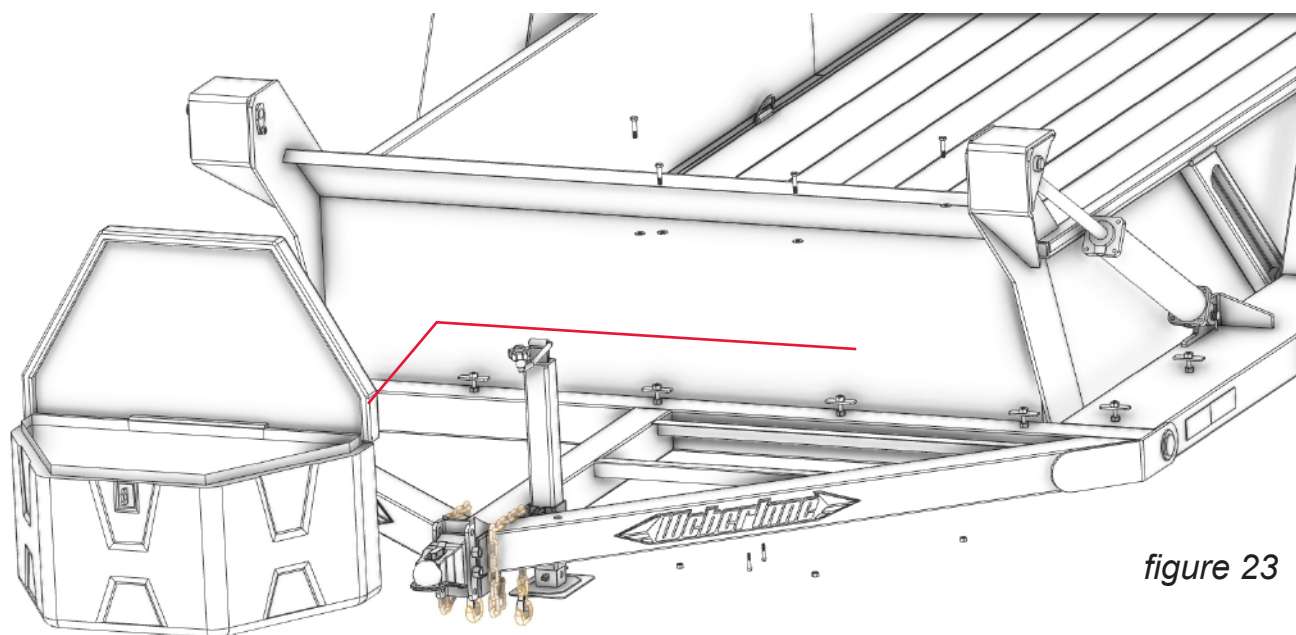


figure 23

PARTS BREAKDOWN CONT.

HYDRAULIC CYLINDERS - Part # - WEB-CYLHTR3020-P

In order to replace this part you must (See figures 24-28):

1. Ensure all machinery is turned off
2. Ensure the trailer box is lowered to the ground or floor and that it is secured to prevent it from falling and causing damages or injury
3. Slide out 3/16" x 2" cotter pin
4. Slide out 1" x 3-1/2" cylinder pin
5. Unscrew 3/8" nut and 3/8" x 1-1/4 bolt
6. Slide out 1" x 7-3/4" keeper plate pin
7. Remove Hydraulic Cylinder
8. Replace Hydraulic Cylinder
9. Slide keeper plate pin back in
10. Reattach nut and bolt
11. Tighten firmly
12. Slide cylinder pin back in
13. Slide cotter pin back in
14. Repeat these steps in order to remove second Hydraulic Cylinder

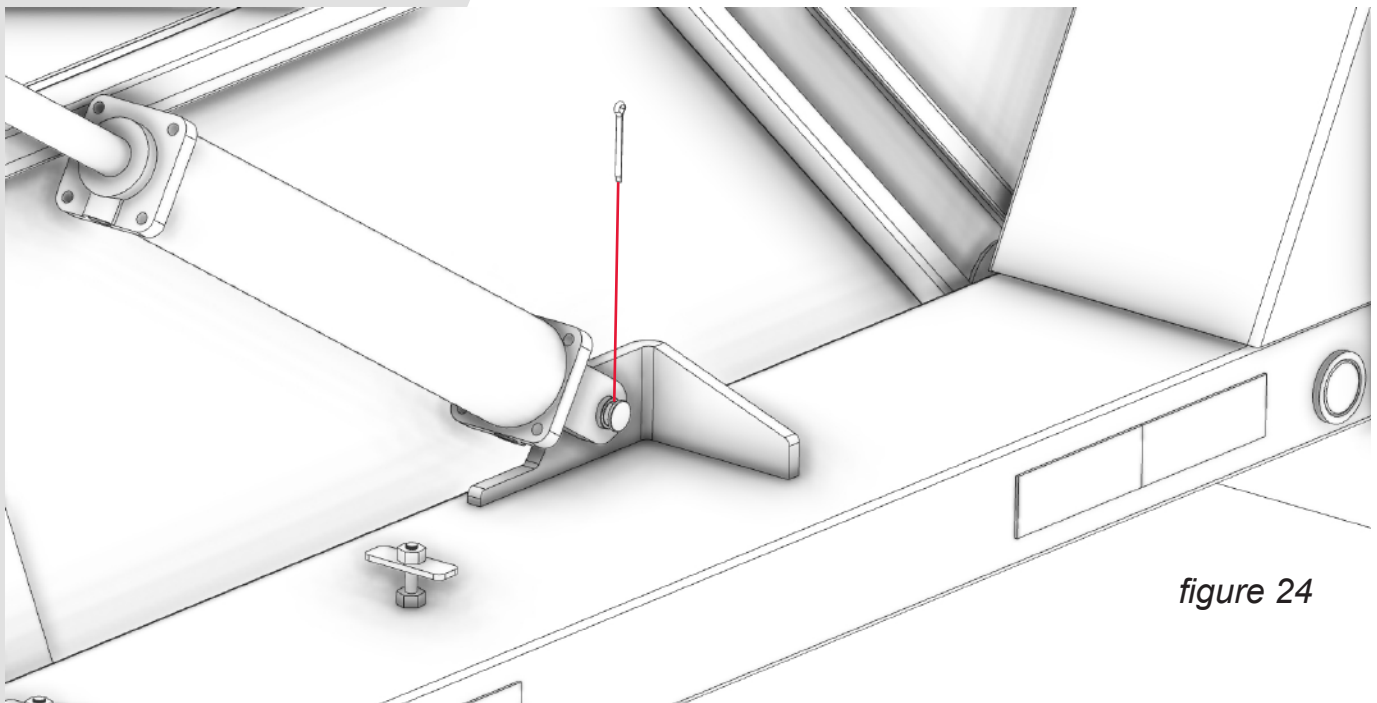
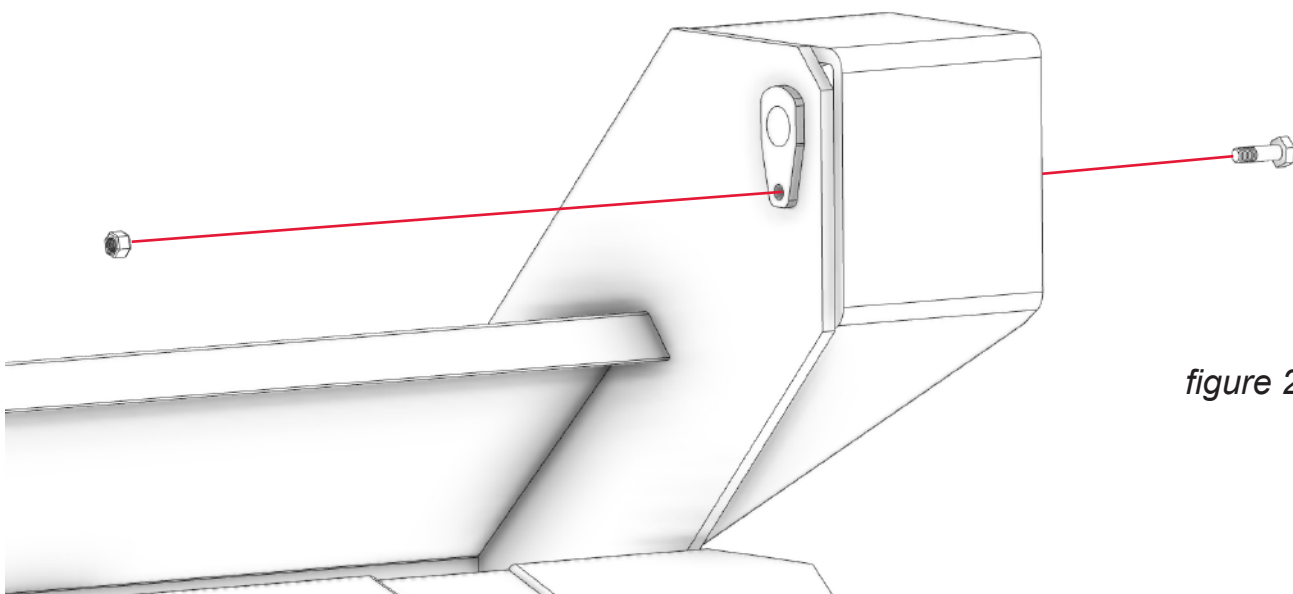
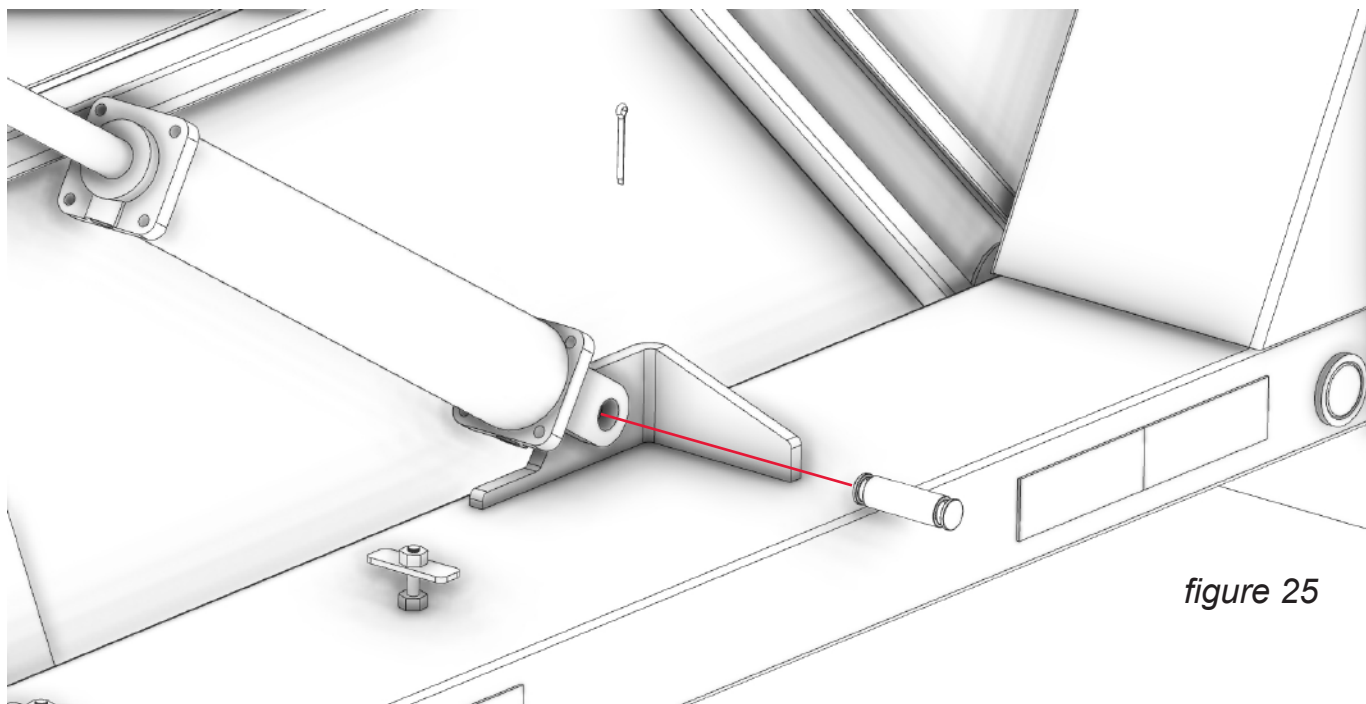


figure 24

PARTS BREAKDOWN CONT.



PARTS BREAKDOWN CONT.

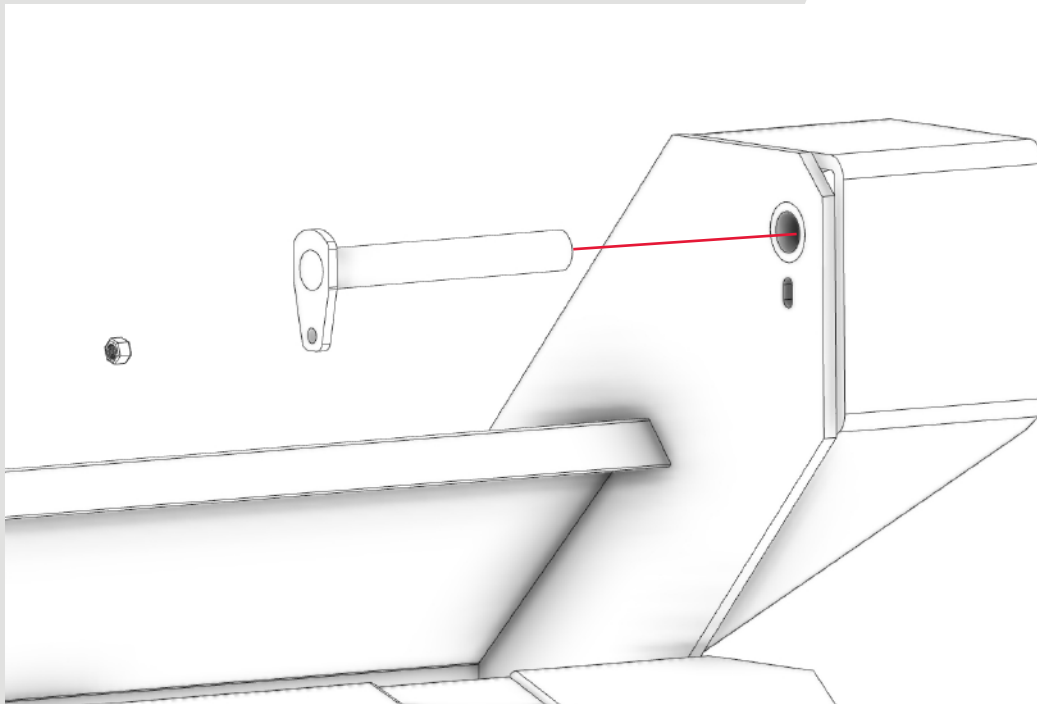


figure 27

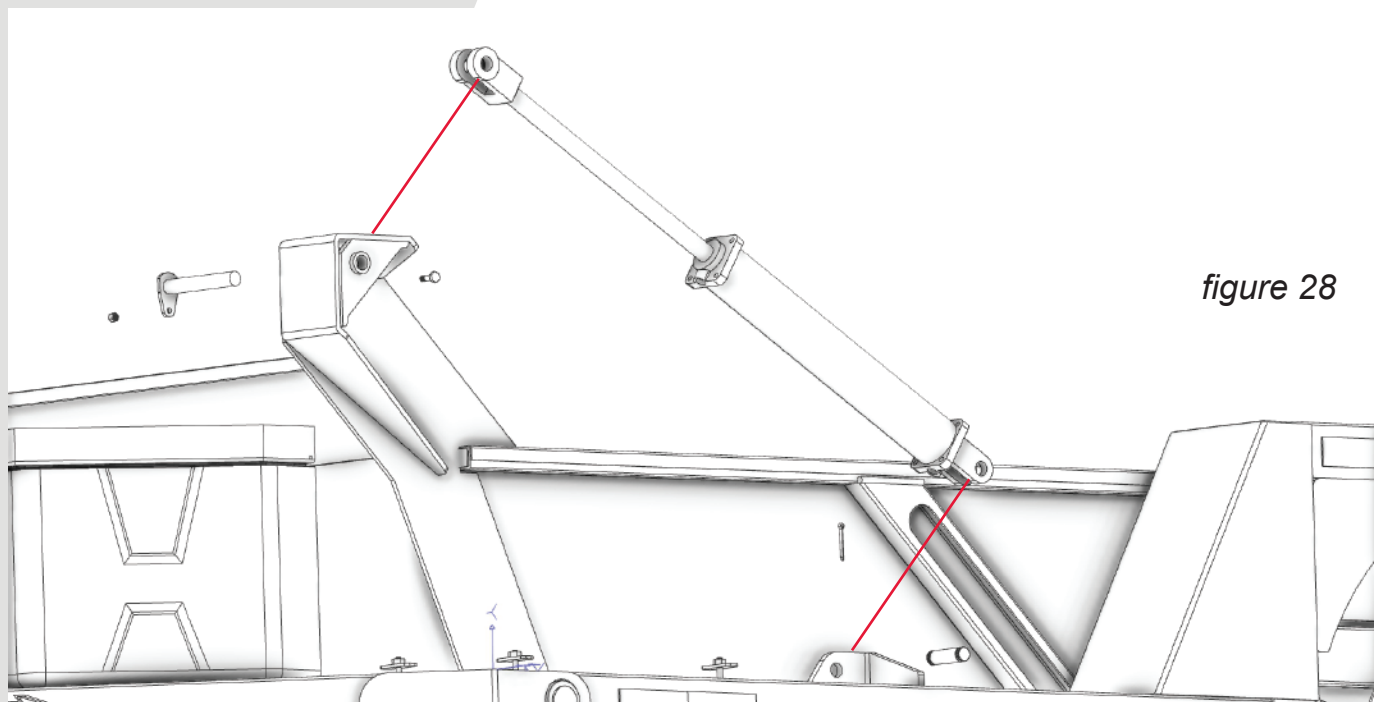


figure 28

PARTS BREAKDOWN CONT.

WHEELS - Part # - HUB-HY5200

In order to replace this part you must (See *figures 29-31*):

1. Ensure all machinery is turned off
2. Safely hook trailer up to jack or crane allowing it to be suspended
3. Locate the wheel(s) that you want to replace
4. Unscrew 1/2" wheel nuts (6 per tire)
5. Carefully remove tire from the axle hub
6. Position replacement tire back onto the hub
7. Reattach wheel nuts
8. Tighten firmly
9. Repeat these steps for each tire if replacing more than one
10. Lower trailer back to the ground/floor

* Wheel rims shown on *figures* may not be an accurate depiction of the style of rims on your physical model but the wheel sizing is accurate.

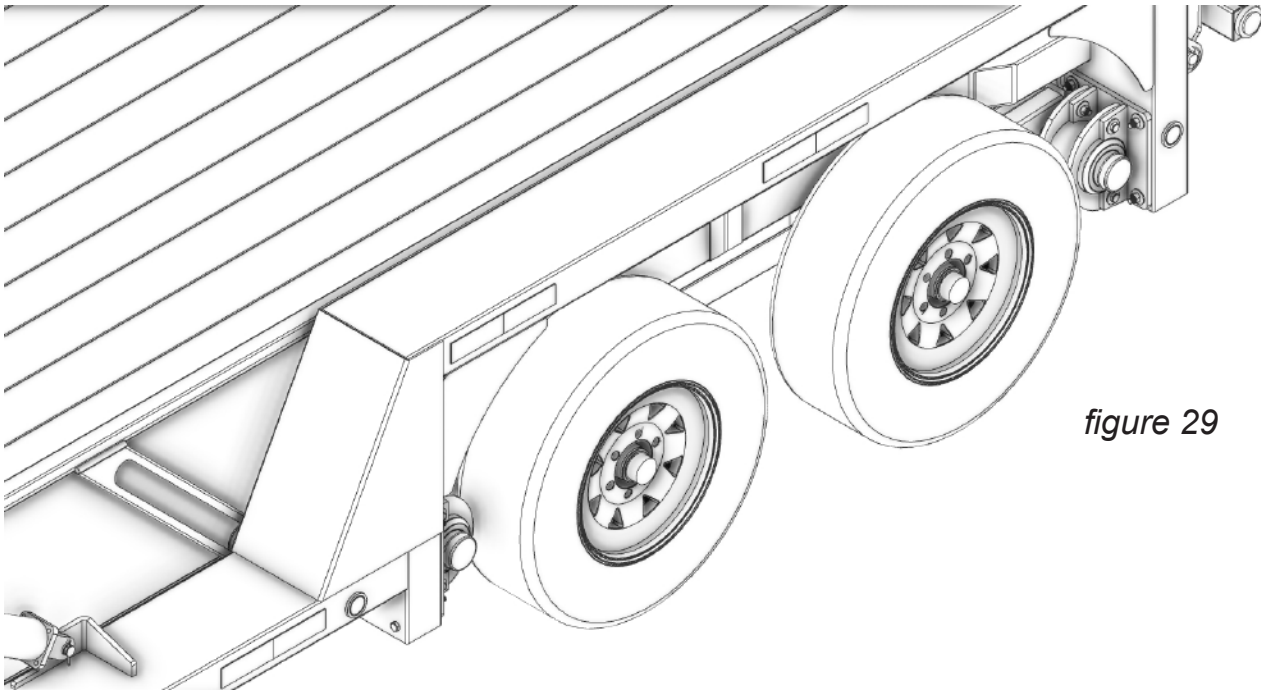


figure 29

PARTS BREAKDOWN CONT.

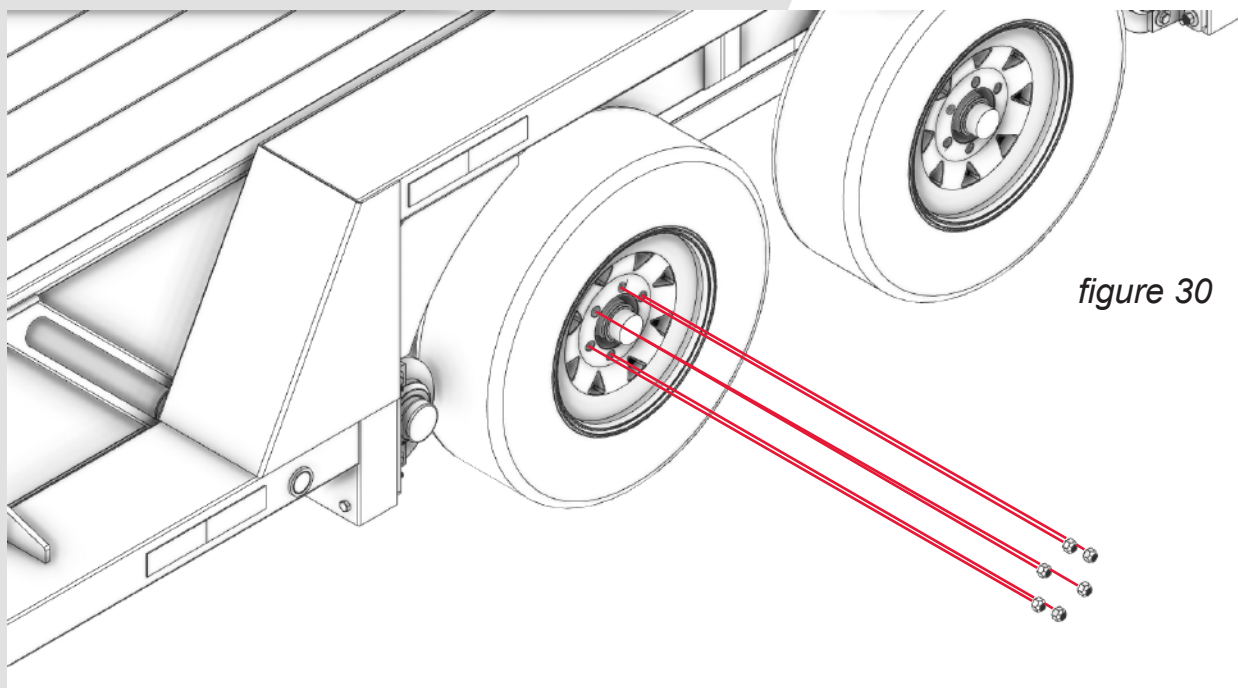


figure 30

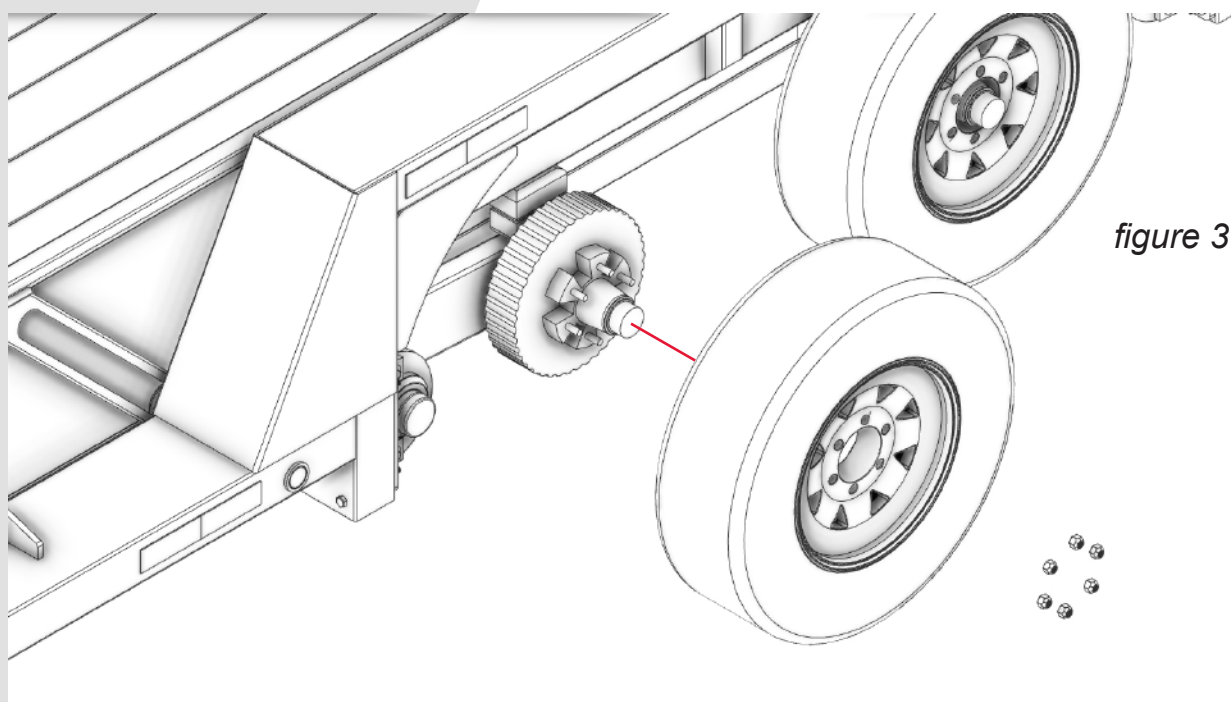


figure 31

PARTS BREAKDOWN CONT.

AXLE HUBS - Part # - TPP-765-0135

In order to replace this part you must (See figures 32-36):

1. Ensure all machinery is turned off
2. Safely hook trailer up to jack or crane allowing it to be suspended
3. Locate the Hub(s) that you want to replace
4. Remove the wheel from the Hub (See figures 29-31)
5. Remove grease cap from the center of the Hub
6. Slide out the 1/8" x 2" cotter pin from the castle nut
7. Unscrew the castle nut and remove from the Hub spindle
8. Remove the 1" washer from the Hub spindle
9. Carefully remove the Hub from the trailer
10. Carefully line up and attach the replacement Hub
11. Slide the washer back onto the Hub spindle
12. Screw the castle nut back onto the Hub spindle and tighten firmly
13. Slide the cotter pin into the castle nut and place grease cap on top
14. Repeat these steps when replacing more than one Hub
15. Lower trailer back to the ground/floor

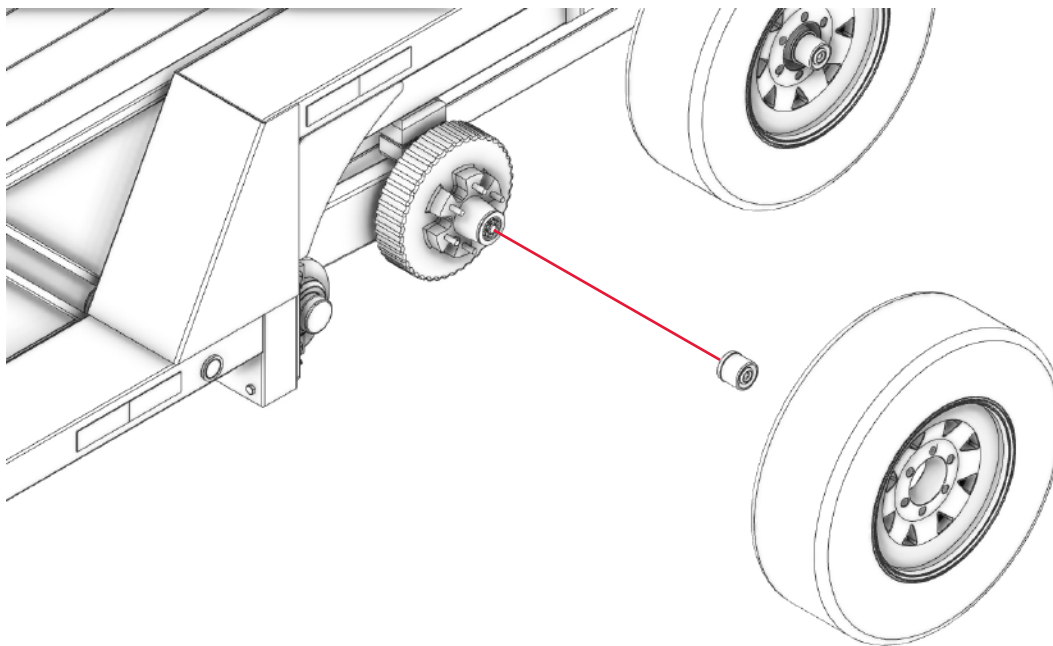


figure 32

PARTS BREAKDOWN CONT.

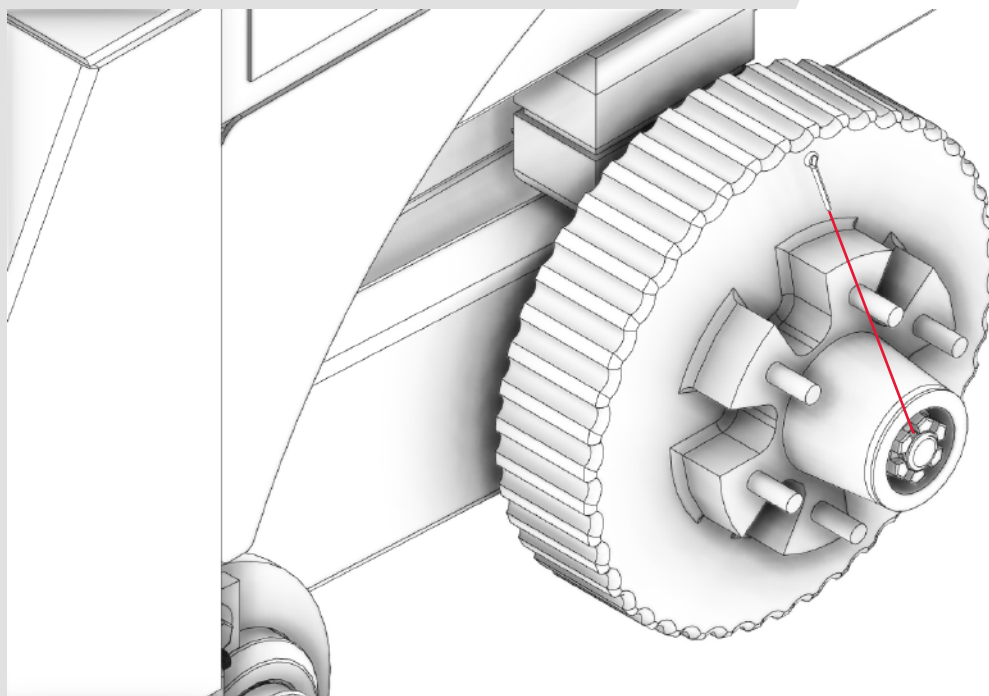


figure 33

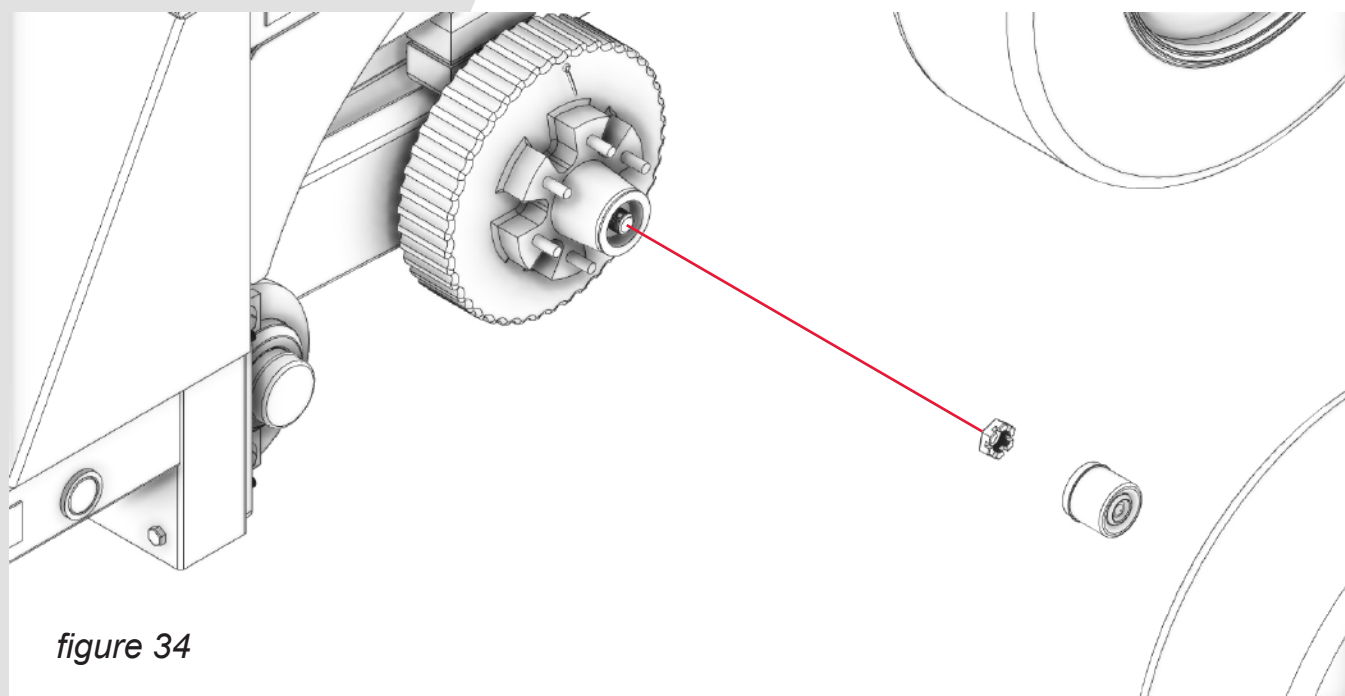


figure 34

PARTS BREAKDOWN CONT.

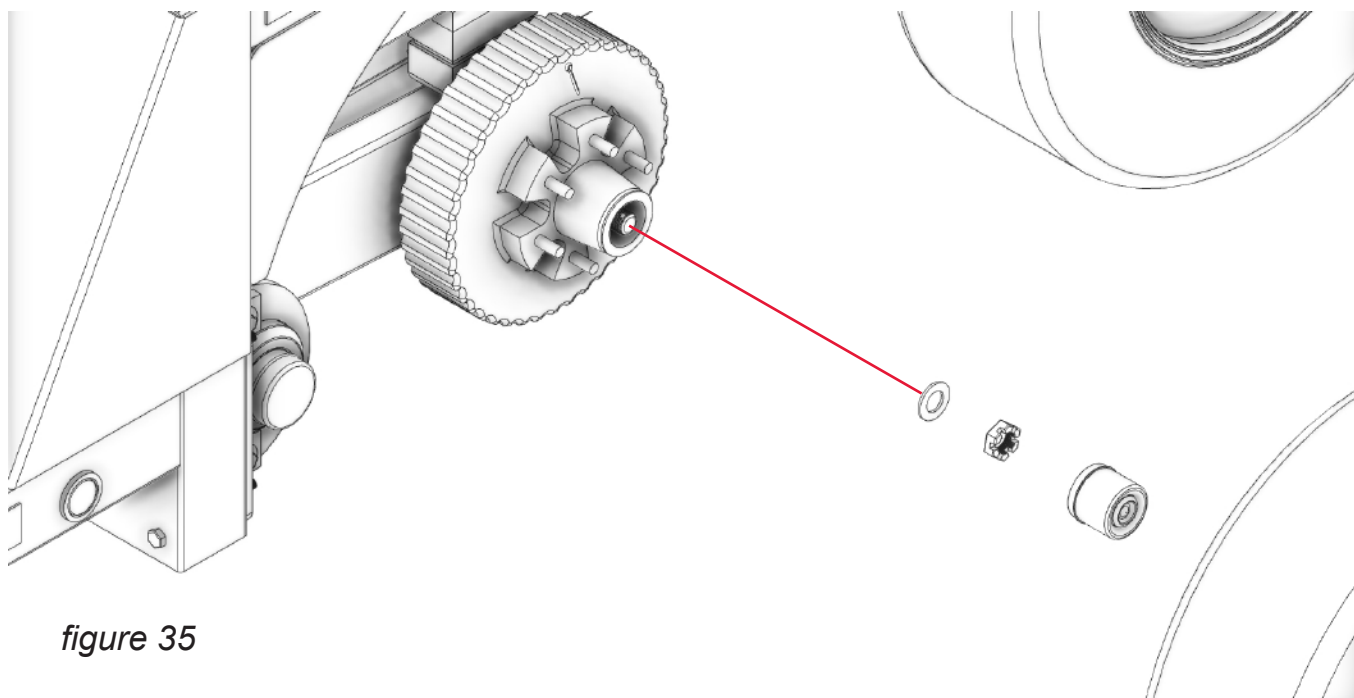


figure 35

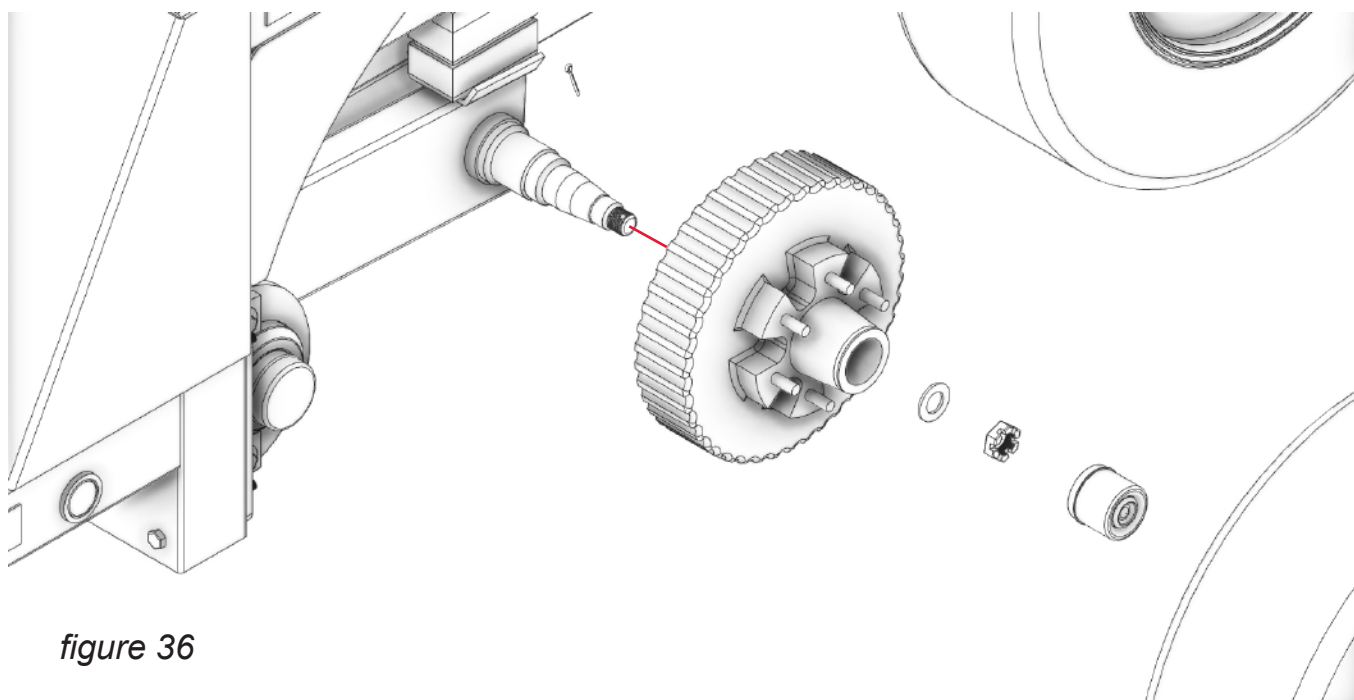


figure 36

PARTS BREAKDOWN CONT.

AXLE ARMS, BEARING & RUBBER SUSPENSION SPRING

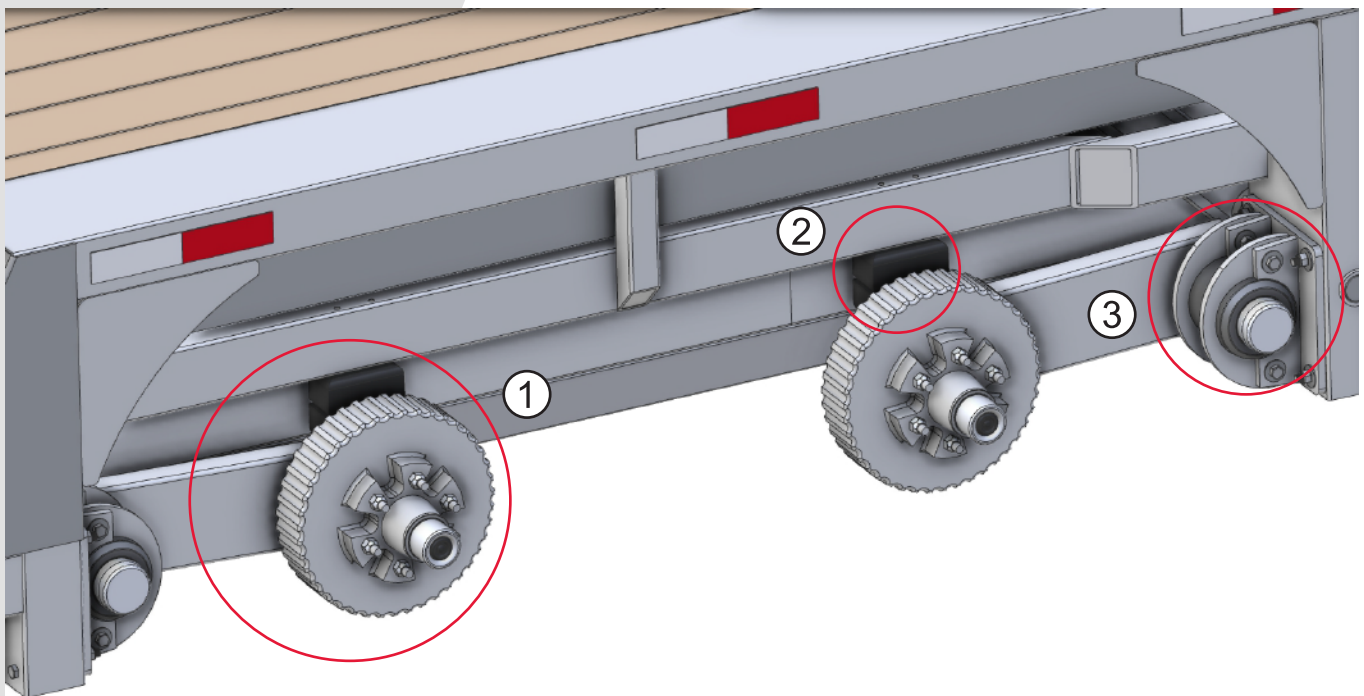
The components identified by the circled callouts (See *figure 37*) are replaceable and may be serviced as required:

The trailer's axles, bearings, and Timbren® suspension components are serviceable and replaceable if they become worn or damaged during normal operation. To ensure proper fit, performance, and continued safe operation of the trailer, only genuine replacement parts or approved equivalent components should be used.

To obtain replacement parts, please contact **Weberlane's Parts Department** and provide your trailer's model and serial number. This information will allow our Parts Department to identify and supply the correct replacement components for your specific trailer configuration.

1. **FRONT OR REAR AXLE ARM - 2 PER SIDE** - Part # - WLEZE-52-7000
2. **RUBBER SUSPENSION SPRING - 2 PER SIDE** - Part # - TIMBRENEZE-20
3. **BEARING PACK - 2 PER SIDE** - Part # - 82-RBK8

figure 37

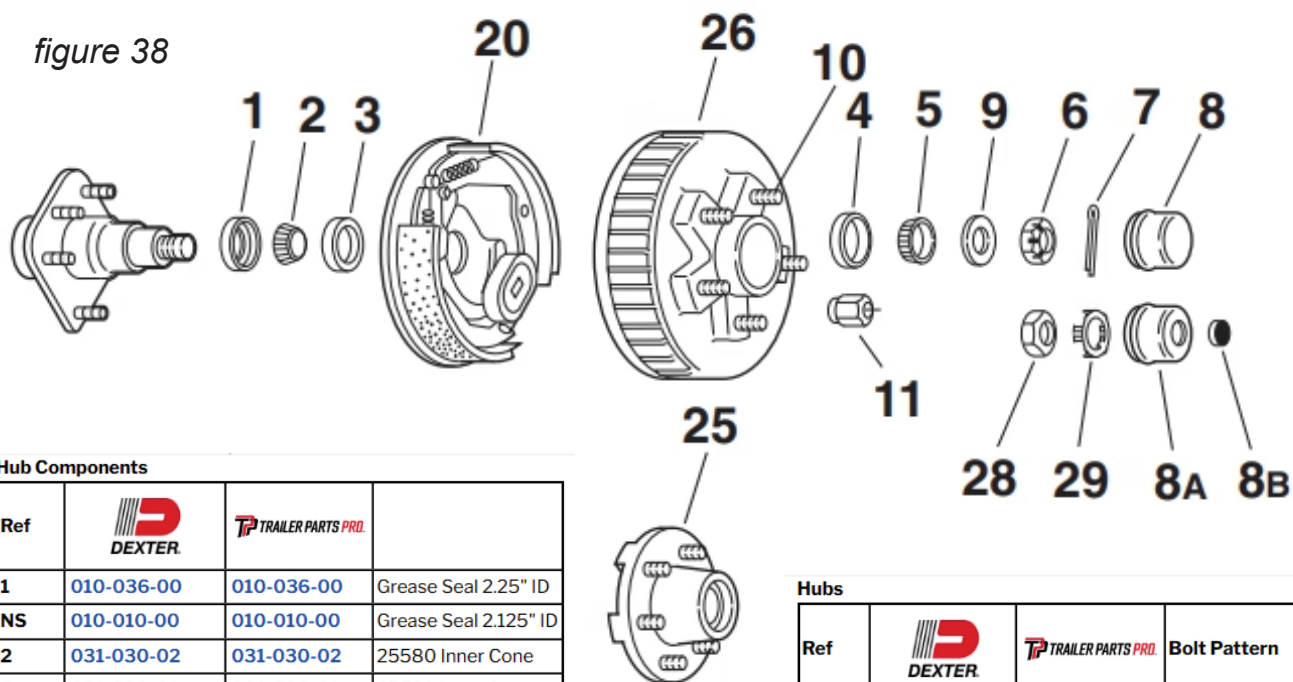


PARTS BREAKDOWN CONT.

6,000LB AXLE HUB COMPONENTS:

To replace parts (See figure 38). Part numbers may not be all inclusive depending on year, make and model. Contact Weberlane's Parts Department with your model and serial number for exact parts. (Zoom in for greater detail)

figure 38



Hub Components

Ref			
1	010-036-00	010-036-00	Grease Seal 2.25" ID
NS	010-010-00	010-010-00	Grease Seal 2.125" ID
2	031-030-02	031-030-02	25580 Inner Cone
3	031-030-01	031-030-01	25520 Inner Cup
4	031-029-01	031-029-01	15245 Outer Cup (6,000lb)
5	031-029-02	031-029-02	15123 Outer Cone (6,000lb)
NS	031-032-01	031-032-01	LM67010 Outer Cup (5,200lb)
NS	031-032-02	031-032-02	LM67048 Outer Cone (5,200lb)
6	006-176-00		Spindle Nut
NS		165686	Spindle Nut
7	019-002-00	019-002-00	Cotter Pin
8	021-001-00	021-001-00	Grease Cap
8A	021-042-01	021-042-01	EZ-Lube Grease Cap
8B	085-001-00	085-001-00	Rubber Plug
9	005-023-00		Spindle Washer
NS		SW1000	Spindle Washer
28	006-191-00		Jam Nut
29	006-190-00		Nut Retainer

Hubs

Ref			Bolt Pattern
25	008-213-09	TPP-765-0135	6 on 5.5"

Studs & Nuts

Ref			
10	007-122-00	TPP-770-0415	1/2"-20 x 2.0"
10		TPP-770-3207	1/2"-20 x 2.5"
10	007-262-00		1/2"-20 x 2.7"
11	006-080-00	006-080-00	1/2"-20 60d Cone Nut

Hub Drums

Ref			Bolt Pattern
26	008-201-09	TPP-765-0133	6 on 5.5"

PARTS BREAKDOWN CONT.

7,000LB AXLE HUB COMPONENTS:

To replace parts (See *figure 39*). Part numbers may not be all inclusive depending on year, make and model. Contact Weberlane's Parts Department with your model and serial number for exact parts. (Zoom in for greater detail)

Hub Components

Ref	DEXTER	TP TRAILER PARTS PRO.	
1	010-036-00	010-036-00	Grease Seal 2.25" ID
1	010-010-00	010-010-00	Grease Seal 2.125" ID
1	010-063-00	010-063-00	Oil Seal 2.25" ID
2	031-030-02	031-030-02	25580 Inner Cone
3	031-030-01	031-030-01	25520 Inner Cup
4	031-017-01	031-017-01	14276 Outer Cup (Standard)
5	031-017-02	031-017-02	14125A Outer Cone (Standard)
4A	031-029-01	031-029-01	15245 Outer Cup (Demountable)
5A	031-029-02	031-029-02	15123 Outer Cone (Demountable)
6	006-176-00		Spindle Nut
NS		165686	Spindle Nut
7	019-002-00	019-002-00	Cotter Pin
8	021-039-00	021-039-00	Grease Cap (Standard)
8A	021-001-00	021-001-00	Grease Cap (Demountable)
8B	021-043-01	021-043-01	EZ-Lube Grease Cap (Standard)
8D	085-001-00	085-001-00	Rubber Plug
8E	021-035-00	021-035-00	Oil Cap
8F	046-032-00	046-032-00	Oil Cap Plug
14	046-052-00	046-052-00	Oil Filler Plug
28	010-045-00	010-045-00	Oil Cap O-Ring
9	005-057-00		Spindle Washer
NS		SW1000	Spindle Washer
16	006-005-00	006-005-00	9/16"-18 Nut
23	015-002-00	015-002-00	Rim Clamp
28	006-191-00		Jam Nut
29	006-190-00		Nut Retainer

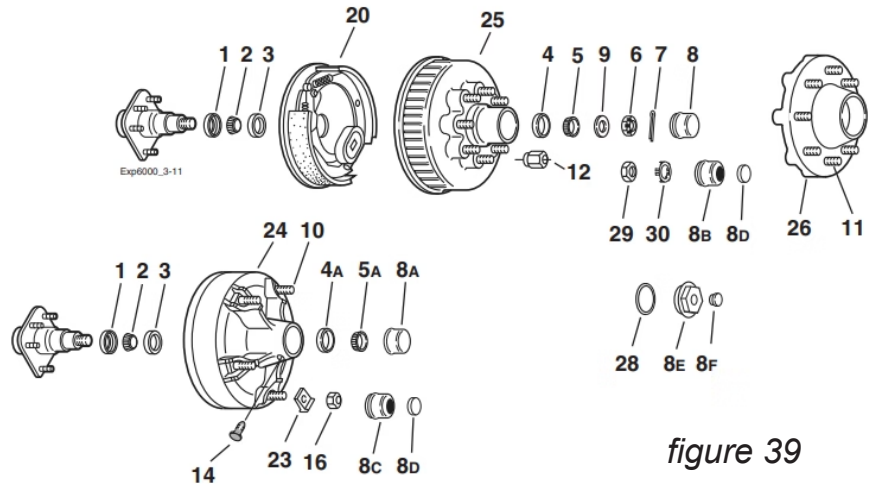


figure 39

Hubs

Ref	DEXTER	TP TRAILER PARTS PRO.	Bolt Pattern
26	008-231-09	TPP-765-0083	8 on 6.5" 1/2" Grease
26	008-231-18		8 on 6.5" 9/16" Grease
26	008-231-20		8 on 6.5" 5/8" Grease
26	008-231-16		8 on 6.5" 1/2" Oil

Studs

Ref	DEXTER	TP TRAILER PARTS PRO.	
10	025-011-00	TPP-770-3208	9/16"-18 Demountable
11	007-122-00	TPP-770-0415	1/2"-20 x 2.0"
11		TPP-770-3207	1/2"-20 x 2.5"
11	007-262-00		1/2"-20 x 2.7"
NS	007-132-00		9/16"-18 x 2.3"
NS		TPP-770-0199	9/16"-18 x 3"
NS	007-232-00	TPP-770-3202	5/8"-18 x 2.75"

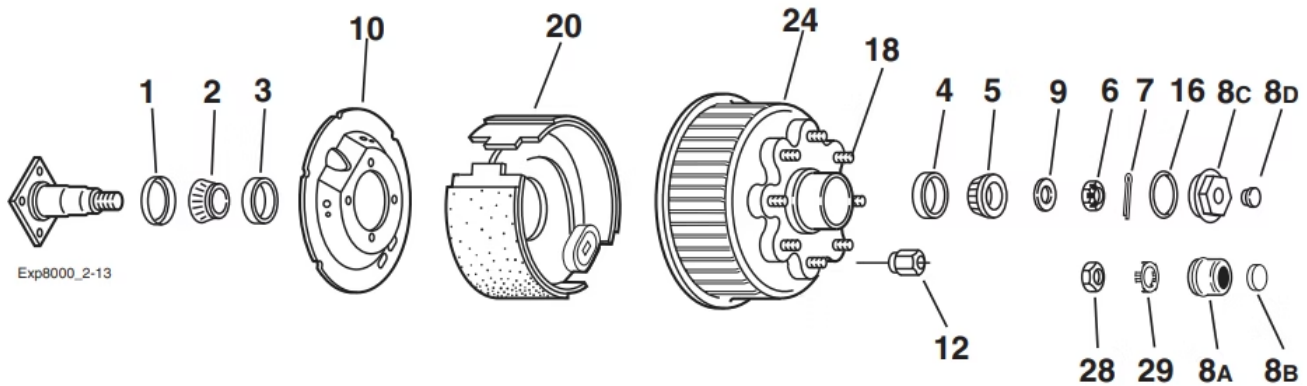
Hub Drums

Ref	DEXTER	TP TRAILER PARTS PRO.	Bolt Pattern
24	008-174-05	TPP-765-0047	Demountable (Grease)
25	008-219-04	TPP-765-0045	8 on 6.5" 1/2" Grease
25	008-219-13	TPP-765-0050	8 on 6.5" 9/16" Grease
25	008-219-18	TPP-765-0113	8 on 6.5" 5/8" Grease
25	008-219-09	TPP-765-0041	8 on 6.5" 1/2" Oil
25	008-219-20	TPP-765-0166	8 on 6.5" 9/16" Oil
25	008-219-26		8 on 6.5" 5/8" Oil

PARTS BREAKDOWN CONT.

8,000LB AXLE HUB COMPONENTS - DEXTER STYLE:

To replace parts (See figure 40). Part numbers may not be all inclusive depending on year, make and model. Contact Weberlane's Parts Department with your model and serial number for exact parts. (Zoom in for greater detail)



Hub Components

Ref	DEXTER	TP TRAILER PARTS PRO.	
1	010-036-00	010-036-00	Grease Seal
1	010-063-00	010-063-00	Oil Seal
2	031-030-02	031-030-02	25580 Inner Cone
3	031-030-01	031-030-01	25520 Inner Cup
4	031-028-01	031-028-01	02420 Outer Cup
5	031-028-02	031-028-02	02475 Outer Cone
6	006-176-00	006-176-00	Spindle Nut
7	019-002-00	019-002-00	Cotter Pin
NS	021-039-00	021-039-00	Grease Cap
8A	021-043-01	021-043-01	EZ-Lube Grease Cap
8B	085-001-00	085-001-00	Rubber Plug
8C	021-035-00	021-035-00	Oil Cap
8D	046-032-00	046-032-00	Oil Cap Plug
16	010-045-00	010-045-00	Oil Cap O-Ring
NS	046-052-00	046-052-00	Oil Fill Plug
9	005-057-00	005-057-00	Spindle Washer
28	006-191-00	006-191-00	Jam Nut
29	006-190-00	006-190-00	Nut Retainer

Hubs

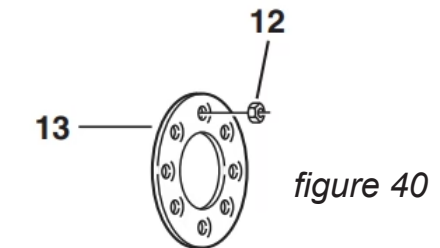
Ref	DEXTER	Bolt Pattern
NS	008-287-11	8 on 6.5" 9/16" Grease
NS	008-287-07	8 on 6.5" 5/8" Grease
NS	008-287-14	8 on 6.5" 9/16" Oil
NS	008-287-17	8 on 6.5" 5/8" Oil

Studs

Ref	DEXTER	
18	007-132-00	9/16"-18 x 2.3"
18	007-232-00	5/8"-18 x 2.75"

Wheel Nuts

Ref	DEXTER	TP TRAILER PARTS PRO.	
12	006-053-00	006-053-00	9/16"-18 60d Wheel Nut
12	006-109-00	006-109-00	5/8"-18 90d Wheel Nut
NS	006-058-00	006-058-00	5/8"-18 Flange Nut



Hub Drums

Ref	DEXTER	TP TRAILER PARTS PRO.	Bolt Pattern**
NS	008-393-04		8 on 6.5" 9/16" Grease (Narrow)
NS	008-393-06		8 on 6.5" 5/8" Grease (Narrow)
NS	008-393-03		8 on 6.5" 9/16" Oil (Narrow)
NS	008-393-05		8 on 6.5" 5/8" Oil (Narrow)
24	008-285-11	TPP-765-0155	8 on 6.5" 9/16" Grease (Full)
24	008-285-08	TPP-765-0176	8 on 6.5" 5/8" Grease (Full)
24	008-285-09	TPP-765-0053	8 on 6.5" 9/16" Oil (Full)
24	008-285-10	TPP-765-0051	8 on 6.5" 5/8" Oil (Full)

**NOTE: Narrow axles use a 12 1/4" x 2 1/2" brake and Full use a 12 1/4" x 3 3/8" brake.

PARTS BREAKDOWN CONT.

10,000LB AXLE HUB COMPONENTS - DEXTER STYLE:

To replace parts (See *figure 41*). Part numbers may not be all inclusive depending on year, make and model. Contact Weberlane's Parts Department with your model and serial number for exact parts. (*Zoom in for greater detail*)

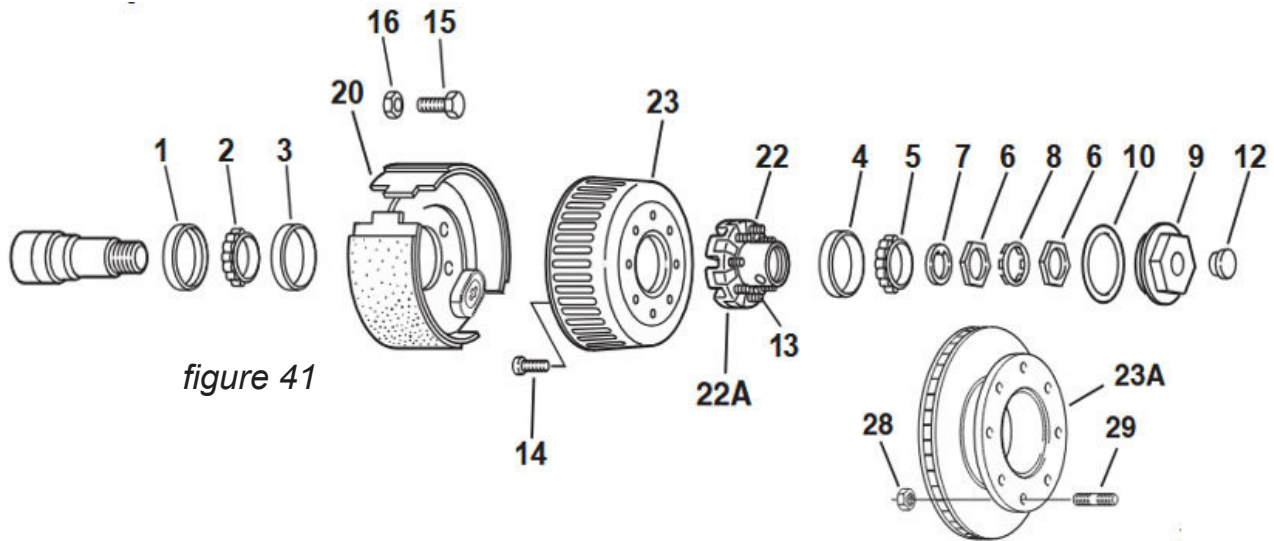


figure 41

Hub Components

Ref	DEXTER	TP TRAILER PARTS PRO.	
1	010-051-02	010-051-02	Oil Seal
2	031-019-02	010-019-02	387A Inner Cone
3	031-019-01	031-019-01	382A Inner Cup
4	031-030-01	031-030-01	25520 Outer Cup
5	031-030-02	031-030-02	25580 Outer Cone
6	006-096-00	006-096-00	Spindle Nut
7	005-070-00	005-070-00	Spindle Washer
8	005-071-00	005-071-00	Tang Washer
9	021-088-00	021-088-00	Oil Cap
10	010-163-00	010-163-00	O-Ring
12	046-032-00	046-032-00	Oil Cap Plug
14	007-292-00	007-292-00	Drum Mounting Screw
29	025-014-00		Rotor Mounting Stud
28	006-046-00		Rotor Mounting Nut

Hubs (Threaded Cap)

Ref	DEXTER	TP TRAILER PARTS PRO.	Bolt Pattern
22	008-430-03	TPP-765-0242	8 on 6.5" 5/8" (New Style)
22	008-288-03		8 on 6.5" 5/8" (Old Style)
22	008-288-07		8 on 6.5" 5/8" (Old Style, Disc Brake)

Hubs (Bolt-On Cap)

Ref	DEXTER	Bolt Pattern
NS	008-430-13	8 on 6.5" 5/8" (New Style)
NS	008-288-13	8 on 6.5" 5/8" (Old Style)
NS	008-288-17	8 on 6.5" 5/8" (Old Style, Disc Brake)

Hub Drums (Threaded Cap)

Ref	DEXTER	TP TRAILER PARTS PRO.	Bolt Pattern
NS	008-435-05	TPP-765-0241	8 on 6.5" 5/8" 2 Piece (New Style)

Drums

Ref	DEXTER	TP TRAILER PARTS PRO.	
23	009-123-01	TPP-765-0243	Standard (New Style)
23	009-123-01		ABS (New Style)
23	009-044-01	TPP-765-0007	Standard (Old Style)
23	009-044-03		ABS (Old Style)

LIGHT REPLACEMENT

Note: All lighting on the machine is 12 Volt, so it can be replaced by the owner or operator without the need of an electrician or Weberlane technician.

In order to replace any lighting you must:

1. Ensure all machinery is turned off
2. Disconnect plug from tractor or truck before removing lights
3. Remove lights
4. Replace lights
5. Test lights to ensure they are operating properly before resuming trailer use

1. FRONT AMBER LIGHTS - 1 PER SIDE (See figure 42):

Part # - LTALRGLED

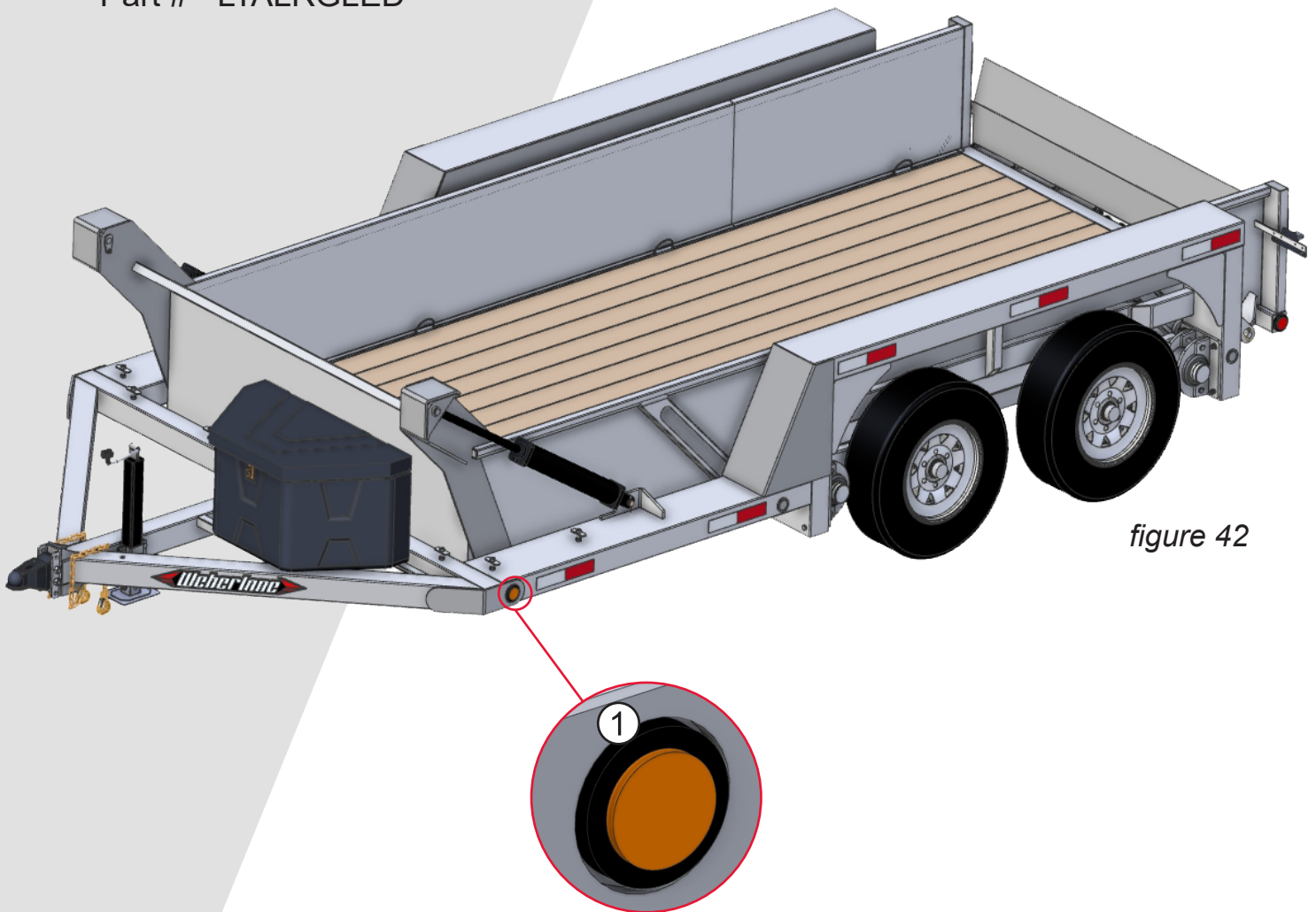


figure 42

LIGHT REPLACEMENT CONT.

2. REAR OVAL RED LIGHTS - 1 PER SIDE (See figure 43):

Part # - LTRO

3. REAR RED LIGHTS - 1 PER SIDE (See figure 43):

Part # - LTRLRGLED

4. REAR RED LIGHTS - 3 IN CENTER OF BUMPER (See figure 43):

Part # - LTRLRGLED

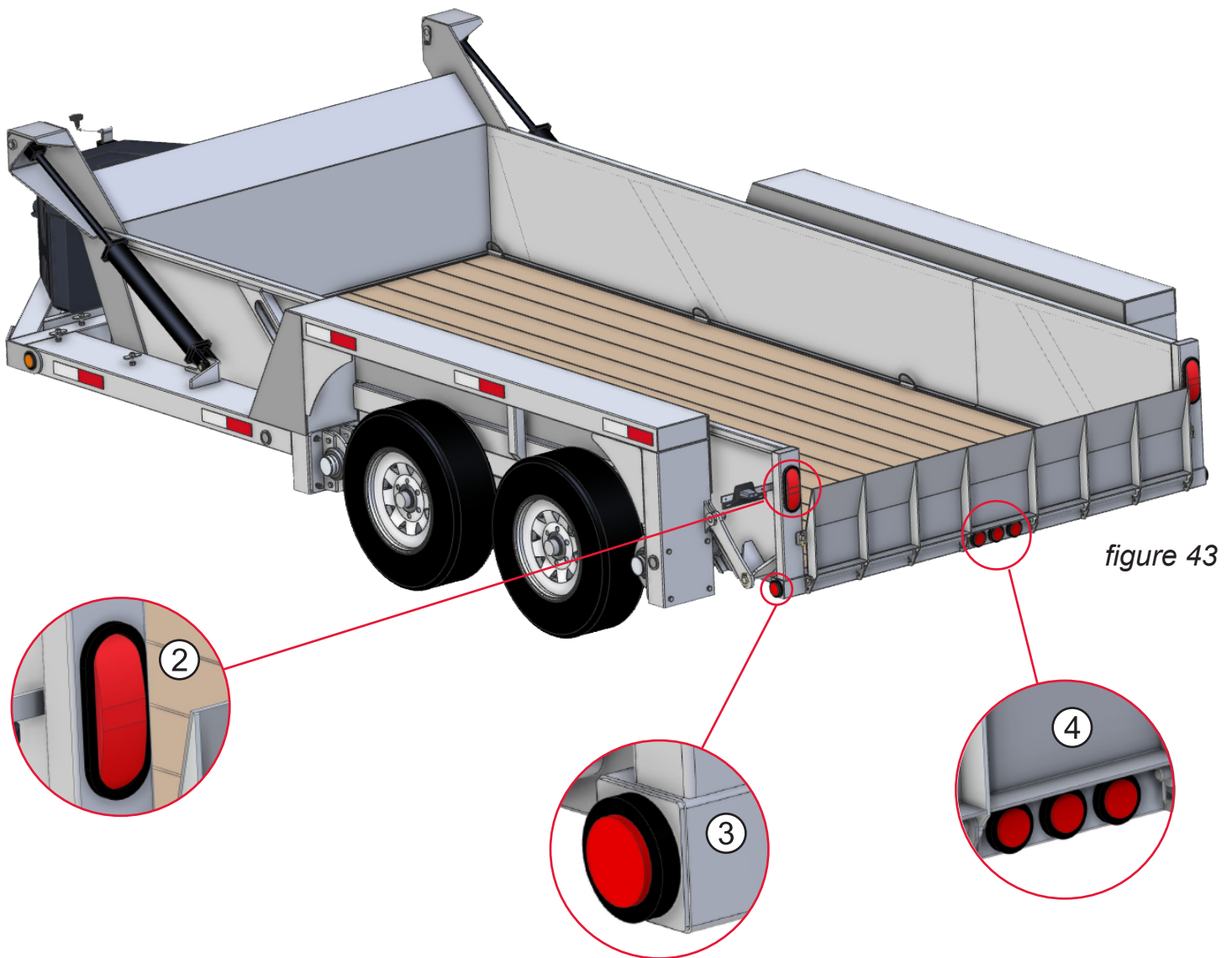


figure 43

TIRE MAINTENANCE

Regular highway tire maintenance is essential for safety, fuel economy, and tire longevity, preventing dangerous blowouts at high speeds. There are several key elements you should check for when inspecting your tires:

1. Cracks, cuts, bulges, or foreign objects
2. Tread depth & uneven wear patterns
3. Ballast or stability
4. Proper inflation or PSI check

When you proactively maintain your tires and have them checked regularly, you can save a great deal of time and money. Preventative maintenance is essential for maximizing your tire's life expectancy and uptime during the busy season.

ST225/75R15 - 15" WHEEL:

- **Standard Stud Size:** 1/2"-20
- **Lug Nut Type:** 60-degree Coned
- **Torque Range (Steel Wheels):** 90–120 ft-lbs
- **Torque Range (Aluminum Wheels):** 90–100 ft-lbs
- **Tightening Sequence:**
 - Stage 1: 20–25 ft-lbs
 - Stage 2: 50–60 ft-lbs
 - Stage 3: Final torque (90–120 ft-lbs)

ST275/85R15 - 16" WHEEL:

- **Standard Stud Size:** 1/2" or 9/16"
- **Lug Nut Type:** Coned
- **Torque Range (1/2" Studs):** 90–120 ft-lbs
Torque Range (9/16" Studs): 120–140 ft-lbs
- **Torque Range (Heavy-Duty 5/8" Flange):** 275–325 ft-lbs



TIRE MAINTENANCE CONT.

- **Tightening Sequence (for 9/16" Studs):**

- Stage 1: 20–25 ft-lbs
- Stage 2: 80–90 ft-lbs
- Stage 3: Final torque (140–170 ft-lbs or as specified)

ST215/75R17.5 - 17.5" SOLID STEEL HEAVY-DUTY WHEEL:

- **Standard Stud Size:** 1/2" or 9/16"
- **Lug Nut Type:** Coned
- **Torque Range (1/2" Studs):** 90–120 ft-lbs
- **Torque Range (9/16" Studs):** 120–140 ft-lbs
- **Torque Range (Heavy-Duty 5/8" Flange):** 275–325 ft-lbs
- **Tightening Sequence (for 9/16" Studs):**
 - Stage 1: 20–25 ft-lbs
 - Stage 2: 80–90 ft-lbs
 - Stage 3: Final torque (140–170 ft-lbs or as specified)

ST235/75R17.5 - 17.5" SUPER HEAVY-DUTY COMMERCIAL WHEEL:

- **Standard Stud Size:** M22x1.5
- **Lug Nut Type:** Hub-Pilot Swivel Flange
- **Torque Range:** 450–500 ft-lbs
- **Tightening Sequence:**
 - Stage 1: 50–60 ft-lbs
 - Stage 2: 200–250 ft-lbs
 - Stage 3: Final torque (450–500 ft-lbs)

Critical Safety Re-Torque Schedule (All Wheels)

Every time a wheel is installed, paint and metal compress under load, creating a high risk of lug nuts backing off. Use a manual torque wrench to check tightness at exactly these distance intervals:

- At 10 miles (16 km)
- At 25 miles (40 km)
- At 50 miles (80 km)



PARTS INDEX

REPLACEMENT PARTS

Replacement parts for the WLEZ Series trailer are available through **Weberlane's Parts Department**. When ordering replacement components, provide the trailer model and serial number to ensure proper part identification and compatibility.

Certain components are designed specifically for Weberlane equipment and should be replaced only with approved components. Do not substitute components unless authorized by Weberlane.

ITEM	COMPONENT	PART #	PAGE	DESCRIPTION
1	Adjustable Coupler	COUPLERADJ2516	10	Vehicle hitch coupling assembly
2	Safety Chains	76-SC-11000	11	Trailer-to-tow-vehicle safety chains
3	Tongue Jack	78-70SP28F	13	Trailer support and leveling jack
4	Power Pack	EAGPU12A20V1230	15	Hydraulic power unit and controls
5	Front Tool Box	10-RV-250	18	Front-mounted storage compartment
6	Hydraulic Cylinders	WEB-CYLHTR3020-P	21	Deck lifting and lowering cylinders
7	Wheels	HUB-HY5200	24	Wheel, tire and mounting hardware
8	Axle Hub	TPP-765-0135	26	Wheel mounting hub assembly
9	Axle Arm	WLEZE-52-7000	29	Arm supporting the axle and suspension
10	Rubber Suspension	TIMBRENEZE-20	29	Rubber suspension component
11	Bearing Pack	82-RBK8	29	Components supporting smooth rotation
12	Front Amber Light	LTALRGLED	34	Marker light providing trailer visibility
13	Rear Red Oval Light	LTRO	35	Taillight for rear visibility and signaling
14	Rear Red Light	LTRLRGLED	35	Taillight for rear visibility and signaling

Please Note: The parts shown in this manual are provided for general identification purposes only and do not represent a complete list of all components used on the WLEZ Series trailer. Certain parts, assemblies, and proprietary components may not be illustrated or individually identified.



Weberlane

TRAILER MANUFACTURING

MANUFACTURING

Manufacturing Plant #1
(Shipping and Deliveries)
5036 Line 82, RR4
Listowel ON N4W 3G9

HEAD OFFICE

Weberlane Manufacturing
1150A Wallace Ave. N
Listowel ON N4W 1M6
(Bills and payments)

MANUFACTURING

Manufacturing Plant #2
(Shipping and Deliveries)
795 Rocher Rd,
Listowel ON N4W 0B2

For more information please contact us directly or feel free to visit our website:

Tel: (519) 291-5035 • Fax: (519) 291-5281
sales@weberlane.com

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