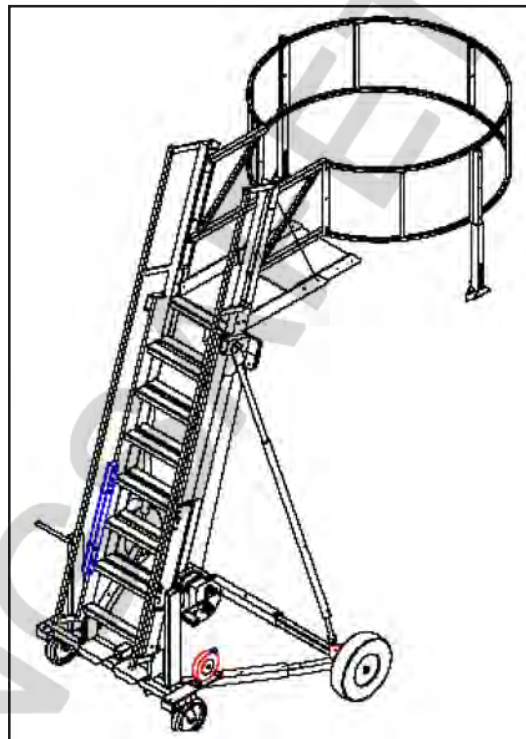




ISO 9001 REGISTERED

&



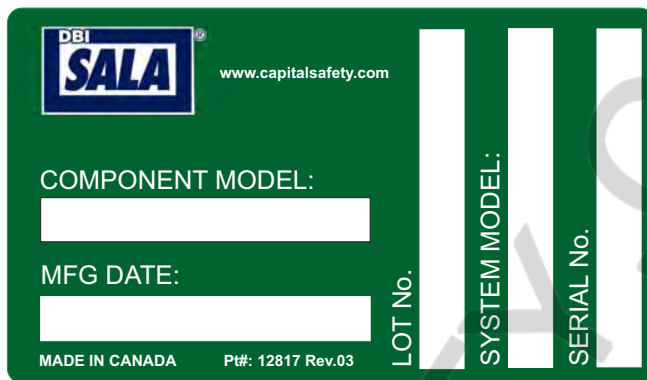
**MAN RATED
FALL PROTECTION SYSTEMS
PORTABLE TANKER ACCESS LADDER SYSTEM**

OPERATOR'S MANUAL

SERIAL NUMBER LOCATION

Always give your dealer or distributor the serial number of your **UCL Portable Tanker Access Ladder System** when ordering parts or requesting service or other information.

The serial number plate is located where indicated. Please mark the number in the space provided for easy reference.



SERIAL NUMBER LABEL

Model _____

Serial Number _____



LADDER SETUP

1. Remove the shipping straps holding the unit and platform together and depending on the platform it may be strapped differently. **Keep fingers clear of any sliding or scissor type connections.**
2. Remove any loose hardware. Raise the ladder and swing the cage up as shown in Figures 1 and 2. A forklift maybe used to lift the cage fully into position.

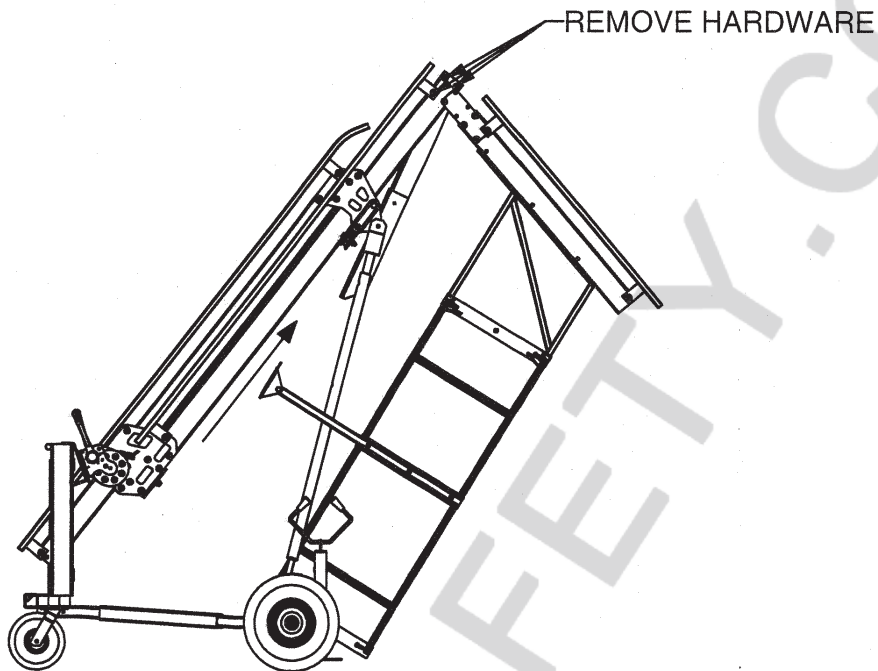


Figure 1

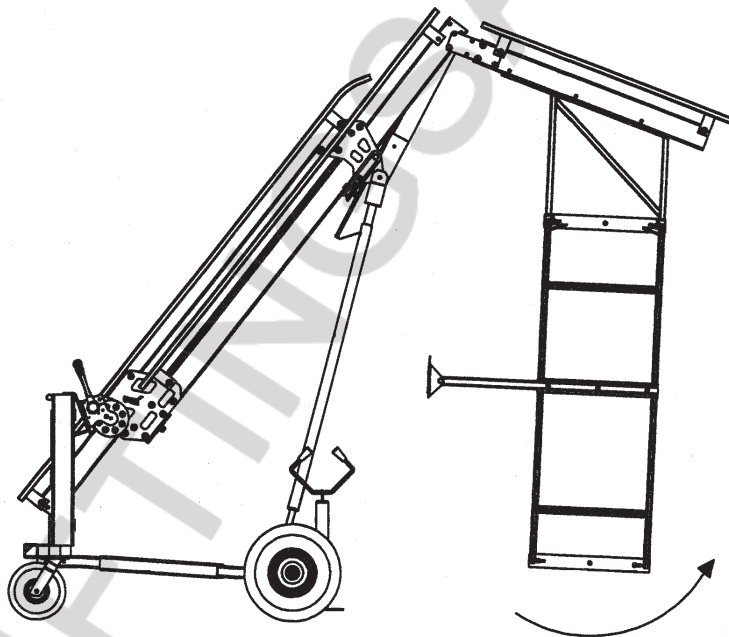


Figure 2

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

3. With the cage and extensions fully into position, bolt into place (Figure 3).
Make sure that all bolted connections are tightened securely before proceeding to the next step.

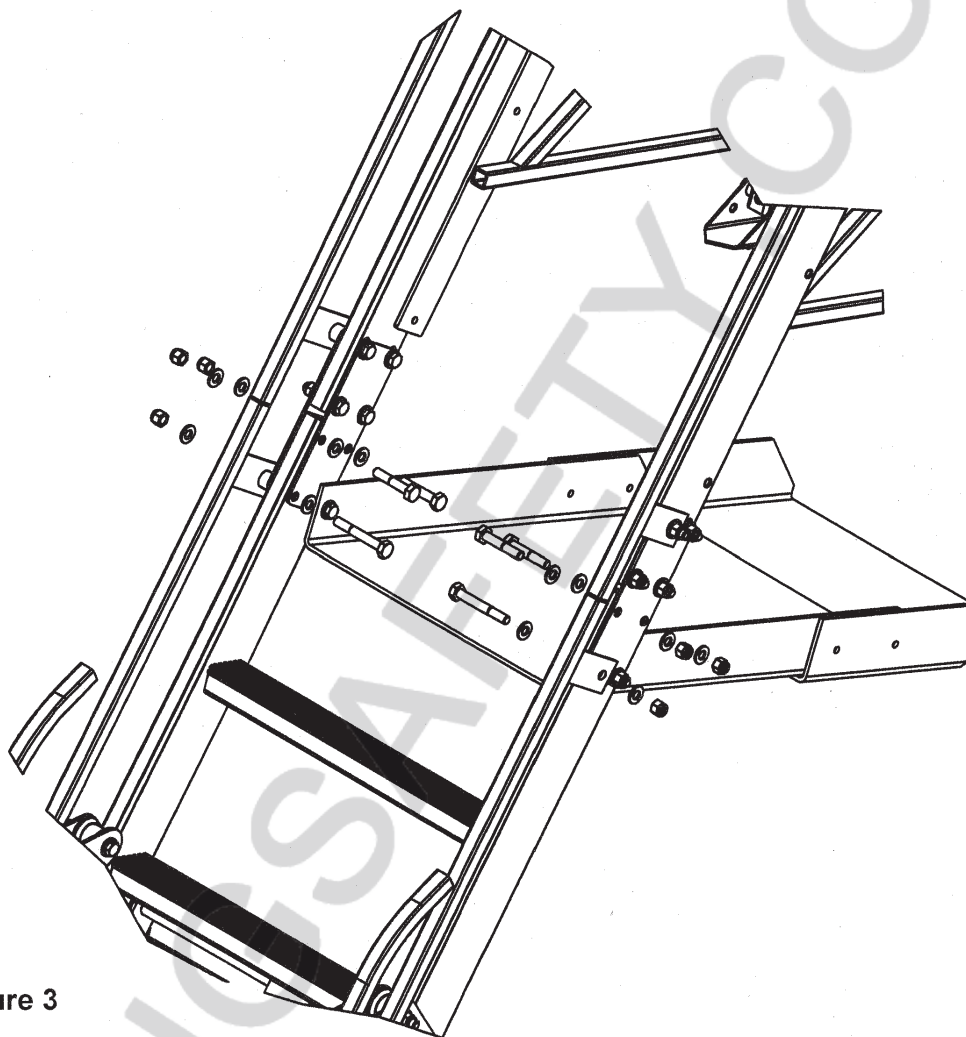


Figure 3

4. Locate bolts in upright support tubes (Figure 4).

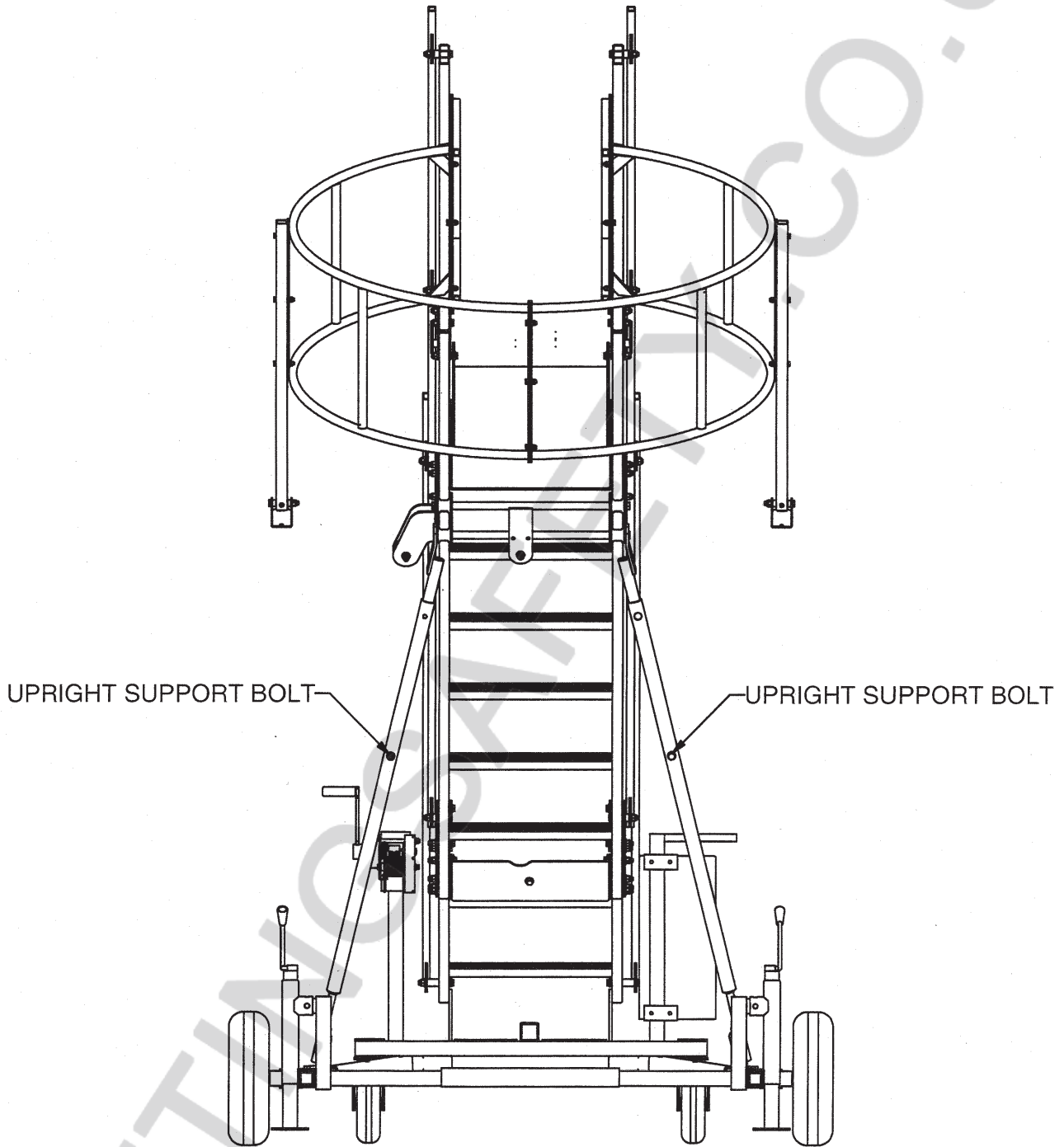


Figure 4

- There will be a need for a forklift to be involved for lifting the ladder into position. Using the forklift to support the ladder, remove the bolts that were located in the Figure 4. Before lifting the ladder make sure there is some slack in the winch cable. Lift the cage level to the ground or until the holes in the support tubes are aligned with one another (Figure 5). Replace the bolts into the holes and tighten (Figure 6). Do not stand underneath the unit when setting it up, support tubes must be firmly in position and bolted before maneuvering the unit.

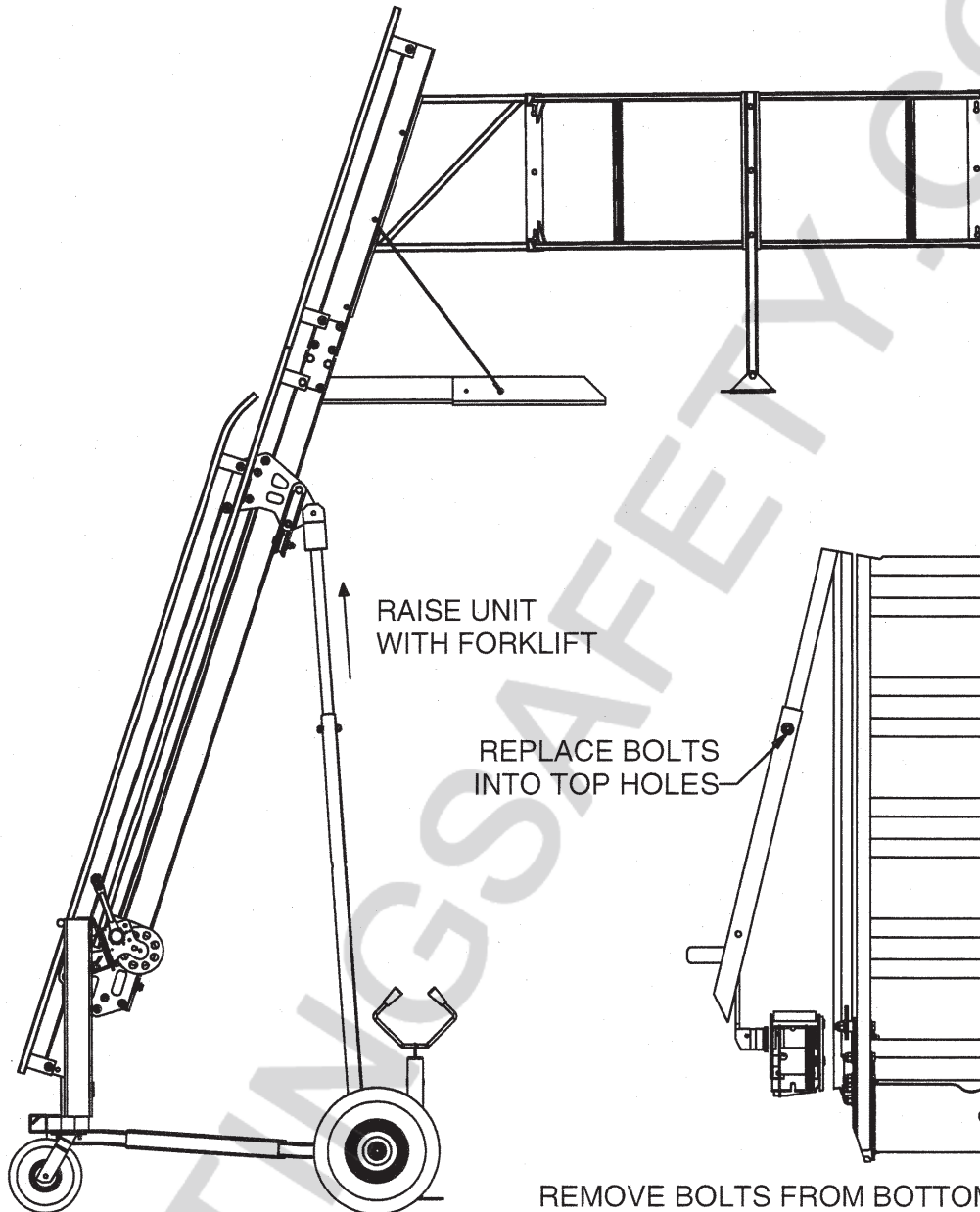


Figure 5

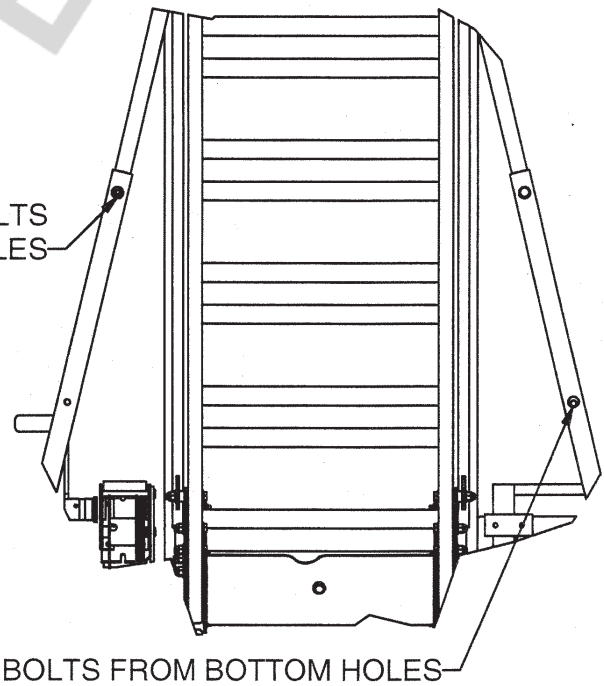


Figure 6

WARNING: Never set-up or raise the Portable Tanker Access Ladder System near overhead power lines.



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
 Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
 Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
REGISTERED

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

Now your ladder access unit should be standing and the platform should be fairly level to the ground. The manufacturer has preset the angle of the ladder and platform so you will not need to adjust it. If the angle of the platform and/or guardrail appears slightly off level, do not be alarmed this is normal. When setting up the platform on the surface you are working on, it will then become level.

Your configuration may contain the parts shown below in Figure 7.

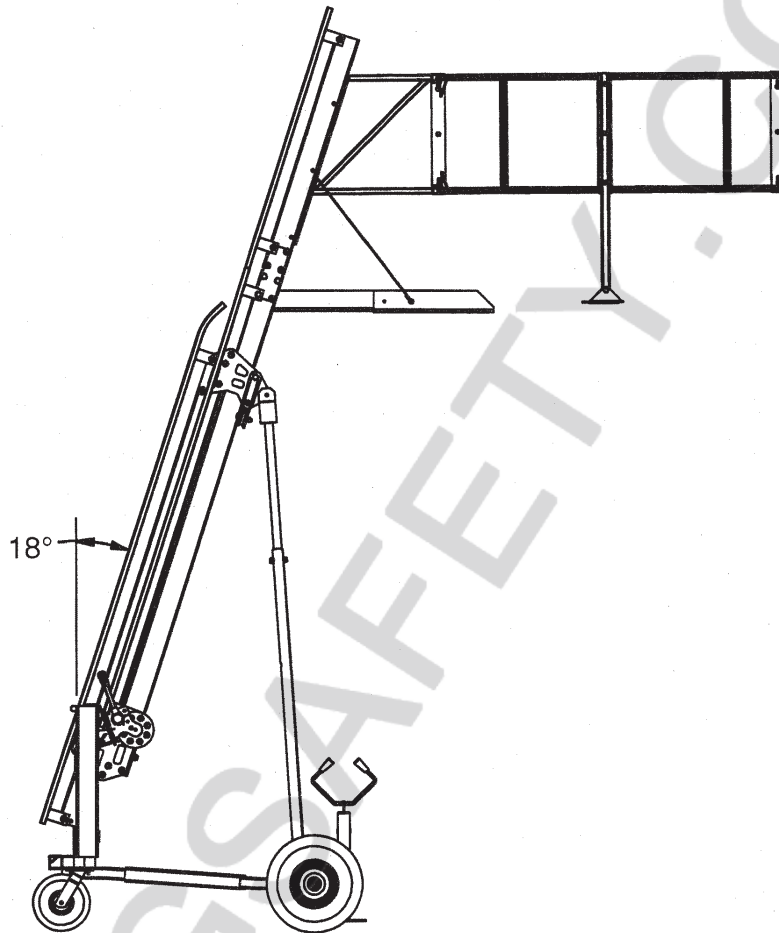


Figure 7

Your ladder access unit will look like this when standing in proper position.

- ⚠ **Never use the ladder when overhead electrical power lines are present.**
- ⚠ **Never adjust the height of the ladder without making sure your's and other's fingers are clear of the unit.**

Always wear safety glasses, boots, hardhat and gloves when operating this unit.

LADDER OPERATION

Read all warning labels and instructions before operating this unit.

 When positioning the ladder, **always keep in mind the height of the unit. The unit can be an electrocution hazard when positioning.**

WARNING!

Electrocution Hazard

Watch for overhead power lines and electrical hazards.

When positioning the ladder over the work area, make sure there are no large obstructions in the way.

The ladder is positioned vertically by the winch cable assembly, cranking the handle will move the ladder up or down, see Figure 8. Once the ladder comes to a stop at its maximum height, do not over crank.

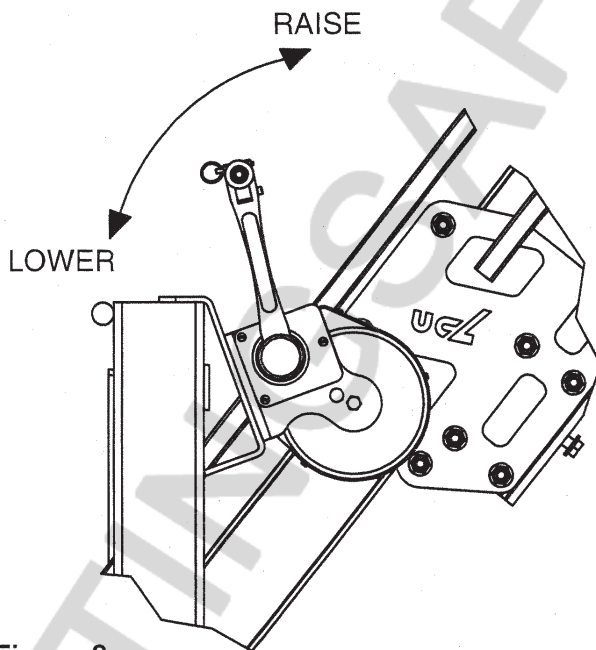
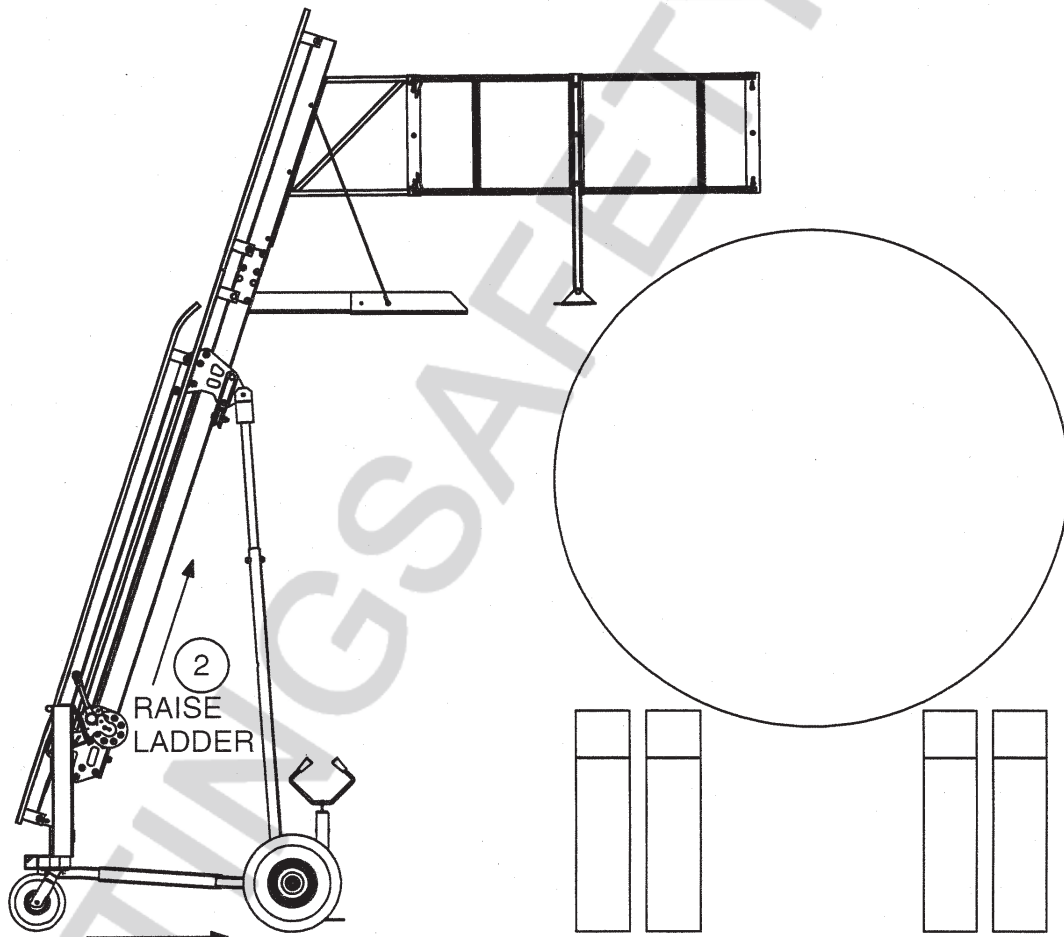


Figure 8

1. When positioning the ladder, push it up to the tanker (Figure 9).
2. Raise the ladder to the proper height to clear the tanker (Figure 9).
3. Push the ladder the rest of the way into position (Figure 10).
4. Once the the unit is in position, lower jacks. We recommend that once the jacks come in contact with the ground surface; screw at least one (1) inch. When in position and in use the wheels are not to be in contact with the ground, this can cause instability (Figure 10).
5. Lower ladder until cage levels out. making sure there is pressure on the cage (Figure 10).



1 PUSH LADDER UP TO TANKER

Figure 9

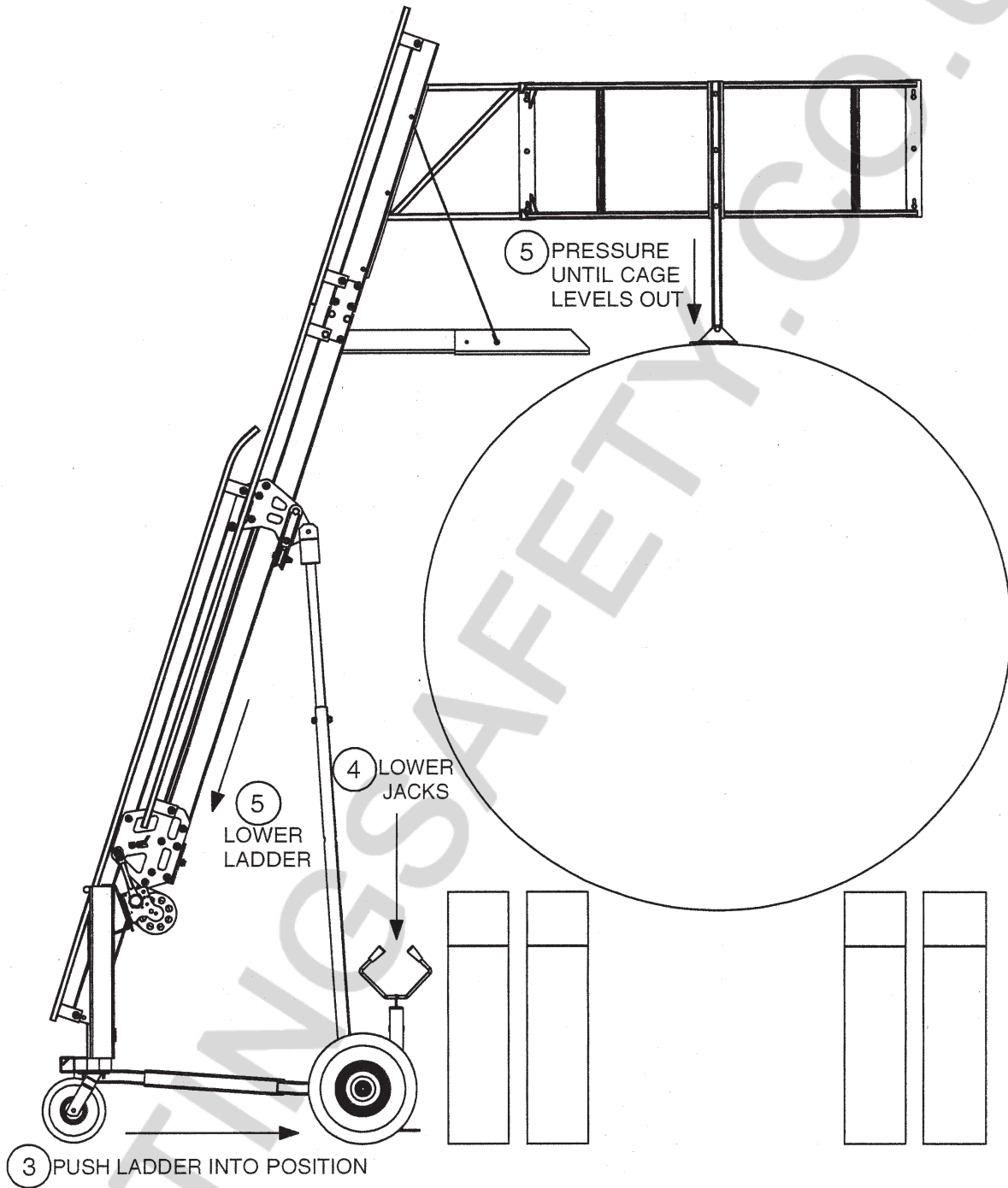


Figure 10



WARNING

Operator Instructions:

To equipment user- you must read and understand the operator's manual or have the instructions explained to you before using this product.

Visually inspect the ladder and its components for damage and/or missing hardware. If defects are found remove from service using lock out/ tag-out procedures.

Visually inspect all warning labels to make sure they are legible, if not remove from service and order replacement labels from the manufacturer.

Any alteration or misuse of this equipment can result in serious injury or death.

Must have 3 points of contact at all times when using the ladder.

Use fall protection whenever available while climbing the ladder.

Use and enforce company procedures on fall protection/restraint.

The unit **MUST BE** transported/stored in the lowest position, failure to follow these instructions could result in serious injury or death.

The unit **MUST BE** anchored/tied down in when exposed to wind speeds excess of 60 kph (38 mph) during storage.

Maintenance:

- Inspect the winch cable and winch before use, minimum daily.
- Inspect winch "Load Limiter" and brake wear indicator before each use in accordance with winch warning label Pt#15792.
- Spray WD-40 lubricant or equivalent on ladder rail slider contact points, minimum daily.
- Check tire pressure as required.
- Check unit for damage sustained from misuse or fall.

PTALS Instructions:

- Use system on level surfaces, uneven surfaces can cause instability resulting in serious injury or death.
- Keep hands and fingers clear from unit when positioning the ladder and cranking the winch.
- Stabilize the unit by cranking down the jacks and apply approximate pressure of 5 revolutions after initial contact with surface.

Guard Rail Cage Instructions (any part #/style):

- Guardrail cage personnel capacity: 300 lbs (unless otherwise specified).
- When positioning the cage on a surface, ensure stability by transferring the ladder weight to the cage by cranking the winch to lower the ladder about half (1/2) a turn.
- Ensure that all footpads are firmly positioned on the surface and that the surface is free from debris.
- If applicable, position the fall out bars that will best suit the application to prevent falling under the cage.

Platform Instructions:

- The Step Out Platform (Pt# 15126, 18419) must not be more than 5 inches (127mm) away from the step to surface. Adjust the platform to a position that best suits your application. Inspect the cables before each use.
- Work platform (Pt#15084) and the outriggers (Pt# 15085, 15086) must take the primary weight of the ladder. If a guardrail cage is combined with the working platform it is not to be used as a fall protection load-bearing component. You must maintain primary load bearing weight on the platform outriggers.
- Platform corner with sleeve (Pt# 15086) is rated for one-man entry/retrieval.

Side wheel moving Kit(Pt# 15349):

- Side wheel moving kit is for positioning the ladder only and is not to be in position while the ladder is in use by an operator.
- Retract the wheels once in position and follow setup instructions for the ladder, cage and platforms.

Fall Arrest Post (Pt# 15551):

- Anchor point rating 1800 lbs (8kN), one man rated use only.
- Anchor is rated for platform surface area only and is not to be used beyond the platform boundaries.
- The anchor post must be used in conjunction with the Work Platform (Pt# 15084) and outriggers (Pt# 15085, 15086).

Tow Bar (Pt# 16082):

- Ladder must be fully collapsed before transporting.
- Tow speed must not exceed 6 mph (10 kph).

Specifications:

Ladder Personnel Load Capacity: 600 lbs. Maximum two personnel, one on ladder/platform, one inside cage confinements or entry/retrieval hoist.

Materials and Construction: General construction: Welded Aluminum, Welded Steel

Weld Certification: W47.2, W47.1
 Tubular Components: 6061-T6
 Other Components: HD Plastic, HR Steel
 Finish: CS500 Plated/ Zinc Dichromate/Powdercoat
 Hardware: Gr.5/Gr.8 Steel, Zinc Plated
 Wheels: Pneumatic Rubber or Solid Urethane
 Winch: Aluminum Cast/Zinc Plated Steel c/w Stainless/Galvanized Steel Cable

Compliance: Ladder Standards: ANSI A 14.3, OSHA 1910.26, CSA Z11-M81, OSHA 1910.23,
 BS EN 131-1, BS EN 131-2

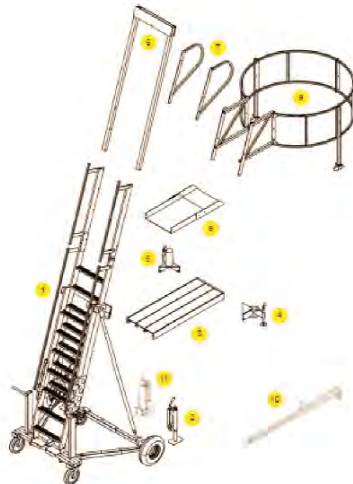
Fall Protection Standards: EN 795, EN 364

Winch Standards: EN 953 and BS 3701

Check local regulations for compliance in your area.

DETAILS

- 1 Ladder Base Assembly (Base Unit)
 - A) Base c/w Pneumatic Wheels (Part # 17286) * Pneumatic wheels shown
 - B) Base c/w Urethane Wheels (Part # 17285)
- 2 Top-Wind Implement Jacks (Part # 16536)
- Platform Option A**
- 3 54" Platform Assembly (Part # 15084)
- 4 Corner Extension Arms (Part # 15085)
- 5 Corner Extension Arms with Sleeve (Part # 15086) * Platform requires 2 extension arms kit with or without sleeves.
- 6 Fall-Arrest Tie-Off Post (Part # 15551) 1800 lbs. anchor point
- 7 Platform Hand Rails (Part # 15138) Sold as a pair
- Platform Option B**
- 8 26" to 42" Adjustable Platform (Part # 15126)
- 9 5.5" Diameter Guard Rail w/o Adjustable Legs, shown (Part # 10044) with Adjustable Legs (Part # 17044)
- Accessories**
- 10 Trailer Hitch Adapter (Part # 16082) Please specify type anchor ball size. Hitch sold separately.
- 11 Side Wheel Moving Kit (Part # 15349)



Part# 20096

COMPLETE STANDARD LADDER SETUP

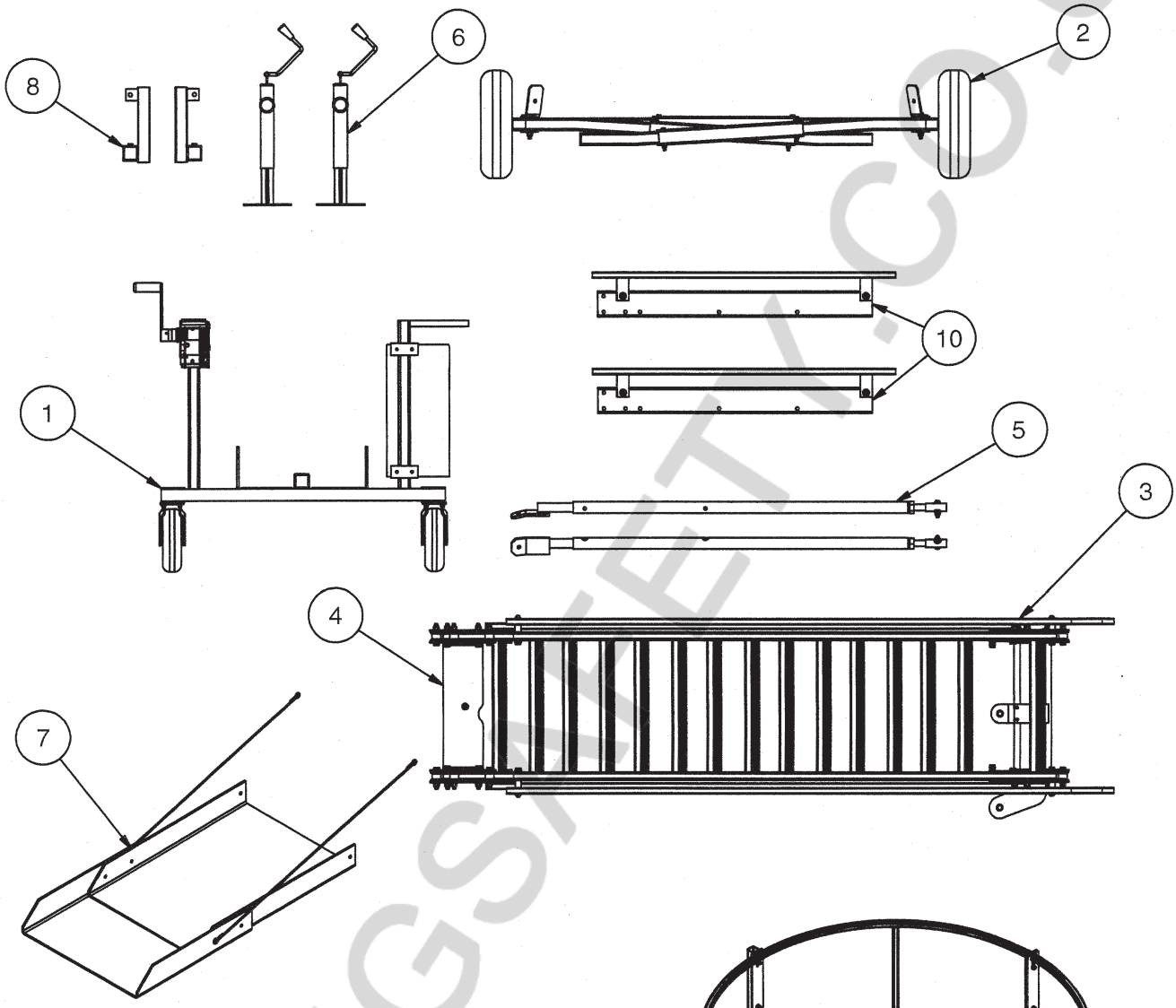
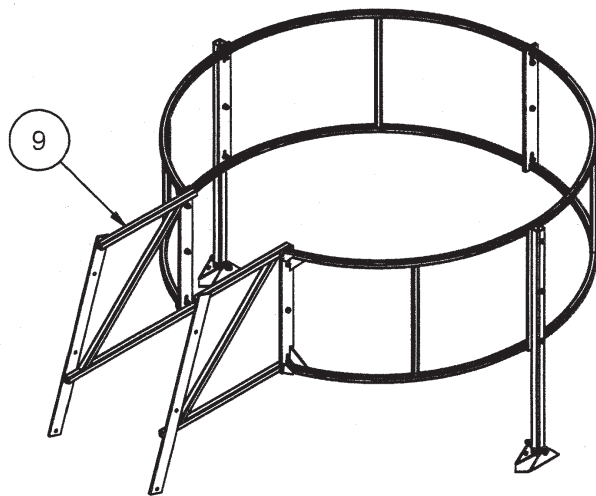


Figure 11

10	22430	2	ACCESSORY MOUNT RAIL WITH HAND RAIL
9	16044	1	5-1/2 ft GUARD RAIL CAGE
8	19813	2	JACK MOUNT
7	15126	1	EXTENDABLE PLATFORM ASSEMBLY
6	19745	2	JACK
5	22475	2	SUPPORT UPRIGHT
4	22459	1	LADDER ASSEMBLY
3	22460	1	LADDER ASSEMBLY
2	16358	1	BASE ASSEMBLY
1	15025	1	REAR CROSS MEMBER

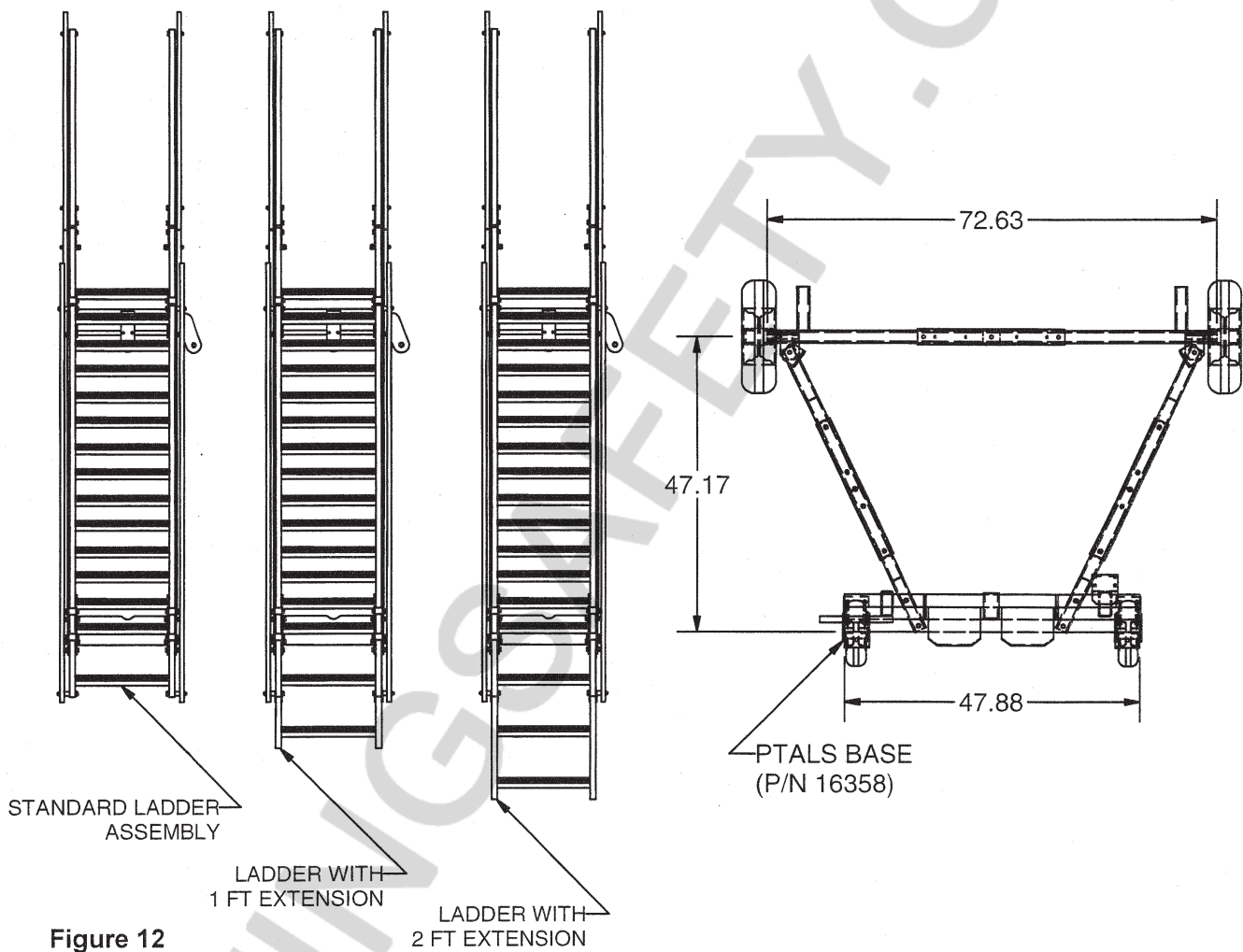


SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600



BASE ASSEMBLY w/PNEUMATIC WHEELS: STD LADDER - 17286
 1 FT EXT LADDER - 17288
 2 FT EXT LADDER - 17290

BASE ASSEMBLY w/URETHANE WHEELS: STD LADDER - 17285
 1 FT EXT LADDER - 17287
 2 FT EXT LADDER - 17289



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
 Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
 Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
 REGISTERED

BASE ASSEMBLY w/PNEUMATIC WHEELS: 4 FT EXT LADDER - 17292
 6 FT EXT LADDER - 17294
 8 FT EXT LADDER - 17296
 BASE ASSEMBLY w/URETHANE WHEELS: 4 FT EXT LADDER - 17291
 6 FT EXT LADDER - 17293
 8 FT EXT LADDER - 17295

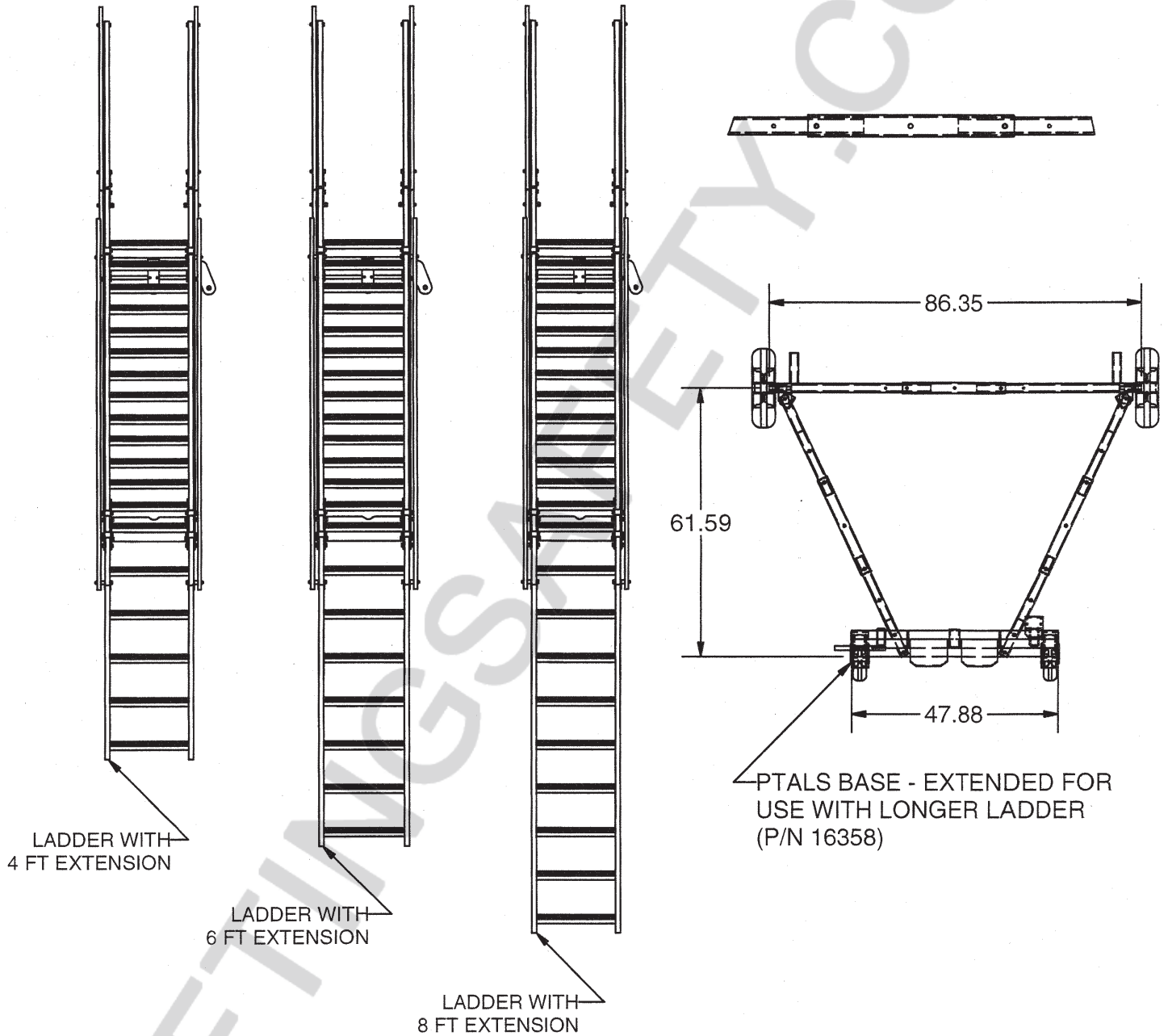


Figure 13



SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

BASE OPTIONS & ACCESSORIES

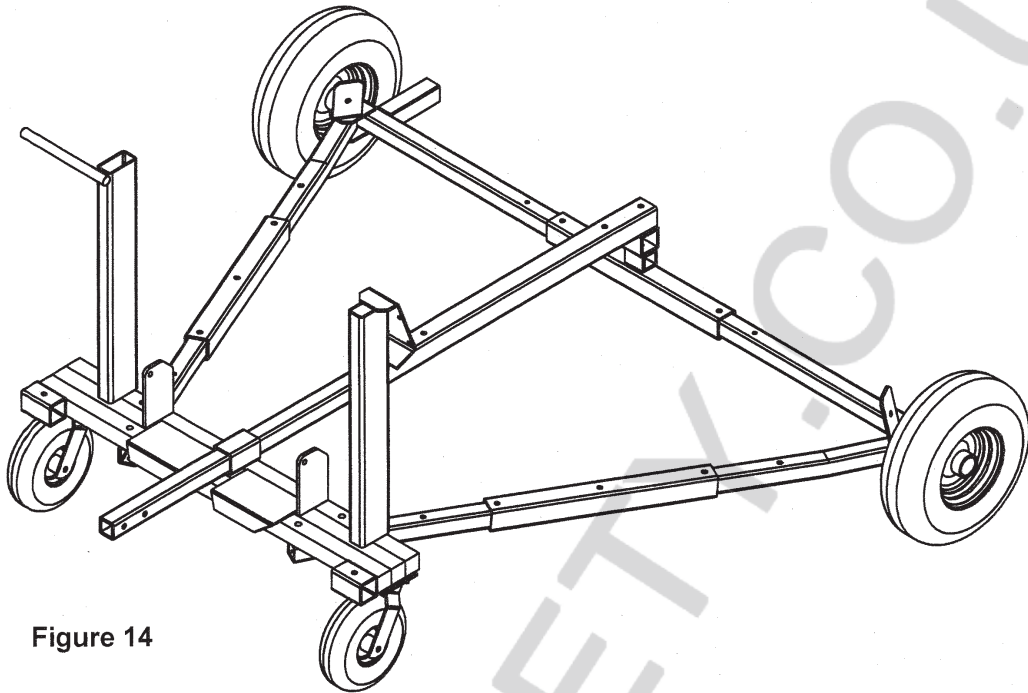


Figure 14

BASE WITH TRAILER HITCH ADAPTER (P/N 16082)

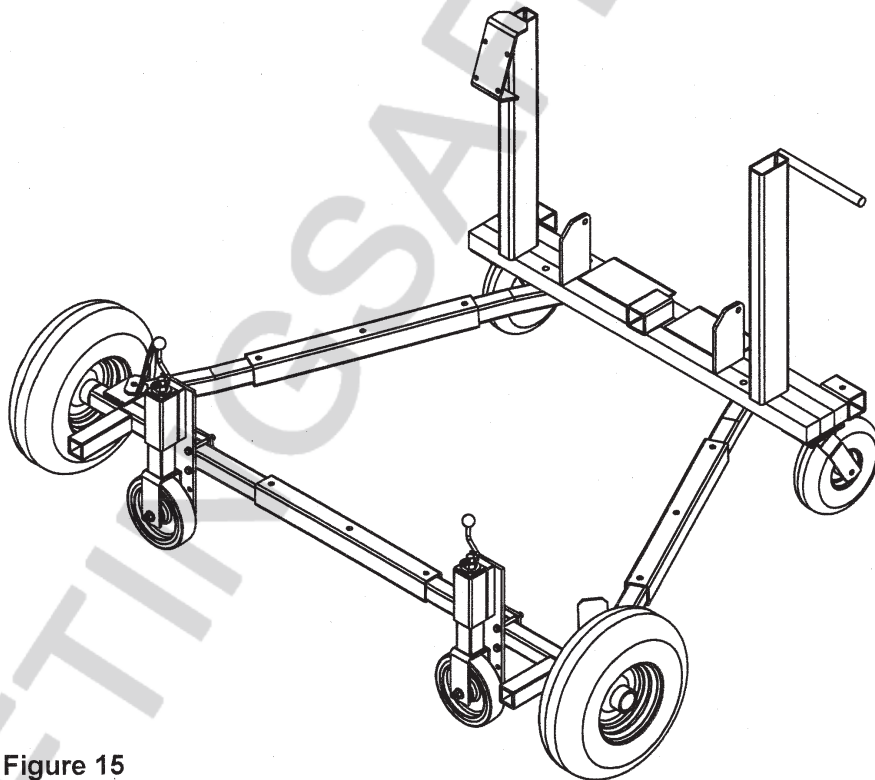


Figure 15

BASE WITH SIDE MOVING WHEEL KIT (P/N 15349)

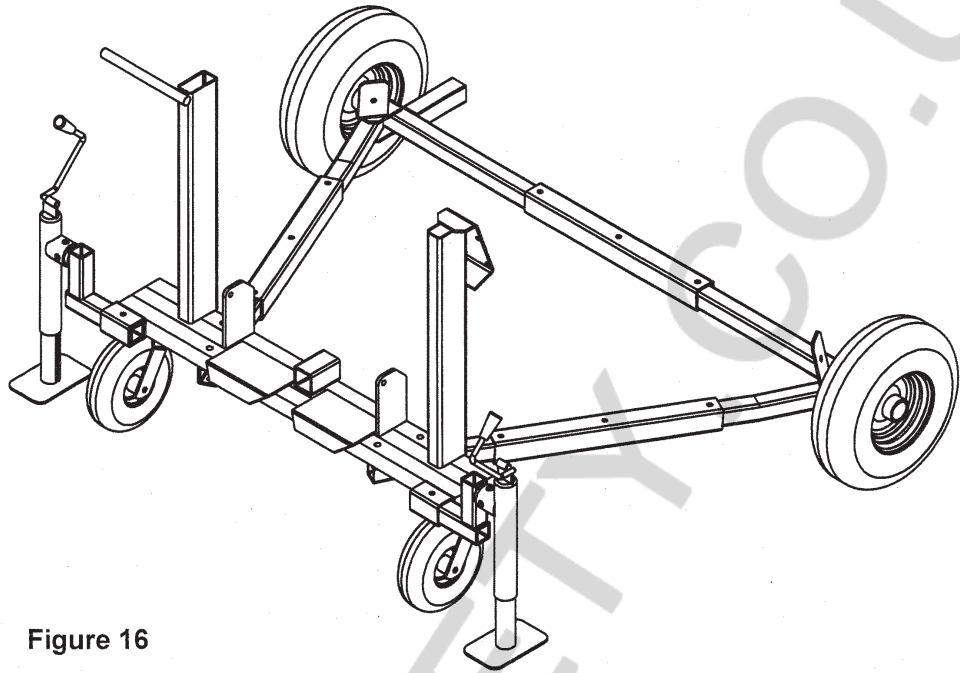
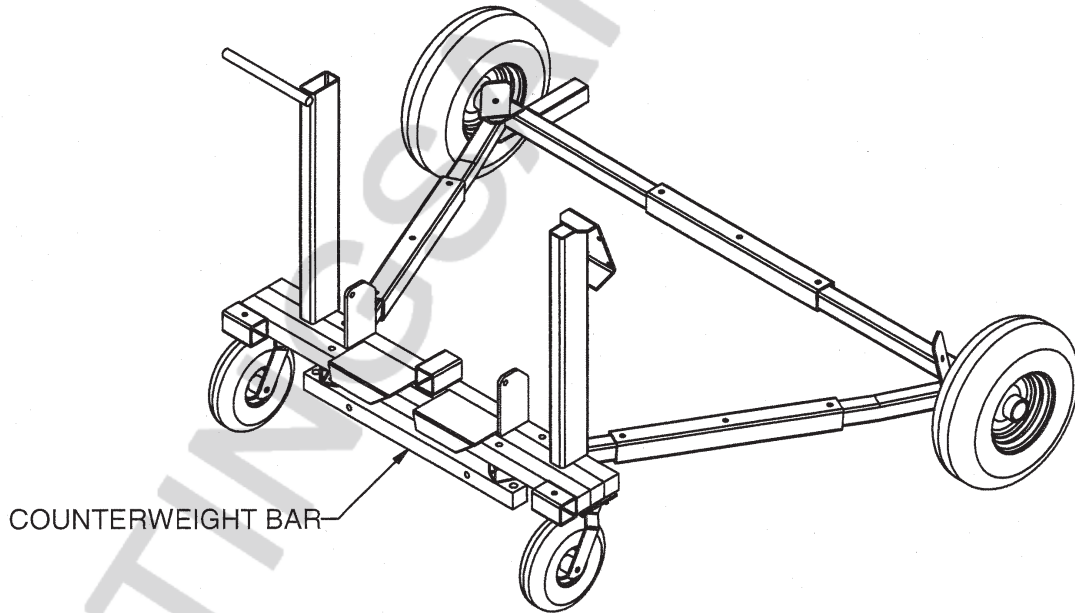


Figure 16

BASE WITH REAR JACKS (P/N 19536)



COUNTERWEIGHT BAR

Figure 17

BASE WITH COUNTERWEIGHT BARS (P/N 17070)

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600



LADDER OPTIONS & ACCESSORIES

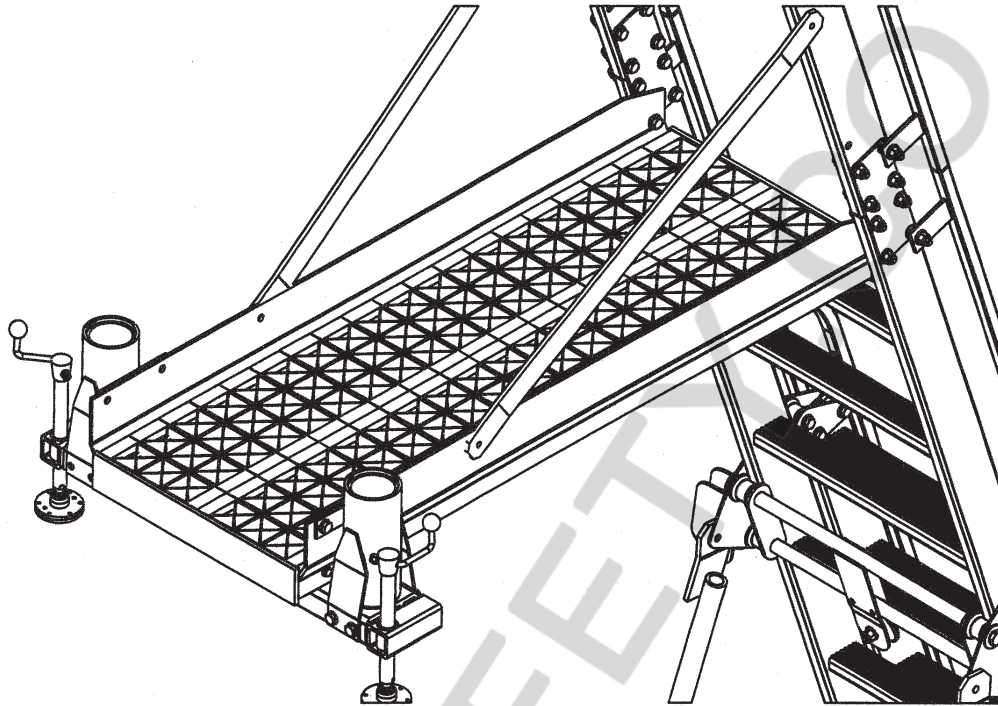


Figure 18

PTALS WITH 54" PLATFORM (P/N 22639)

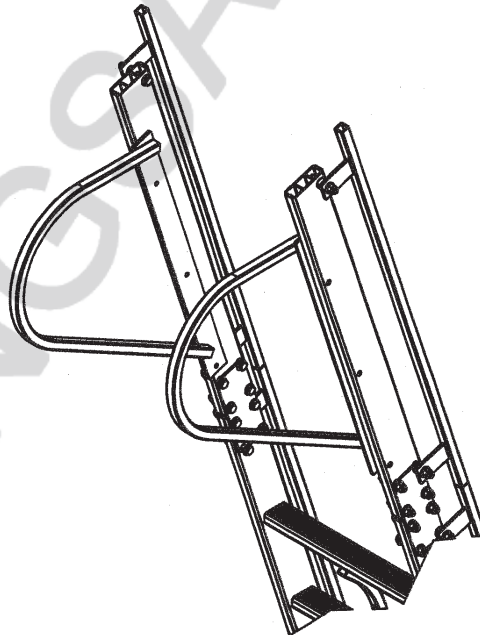


Figure 19

PTALS WITH UPPER PLATFORM HANDRAILS (P/N 16138)



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
REGISTERED

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

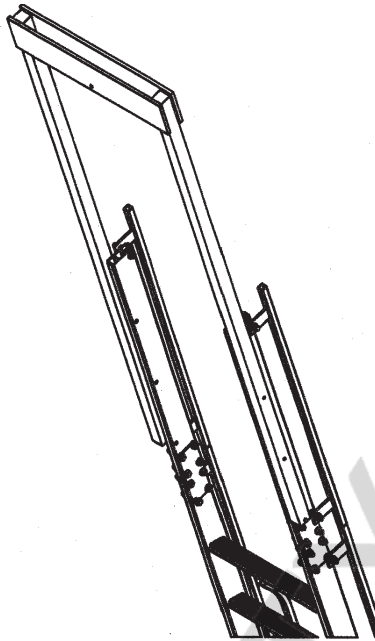


Figure 20

PTALS WITH FALL ARREST FRAME (P/N 15551)

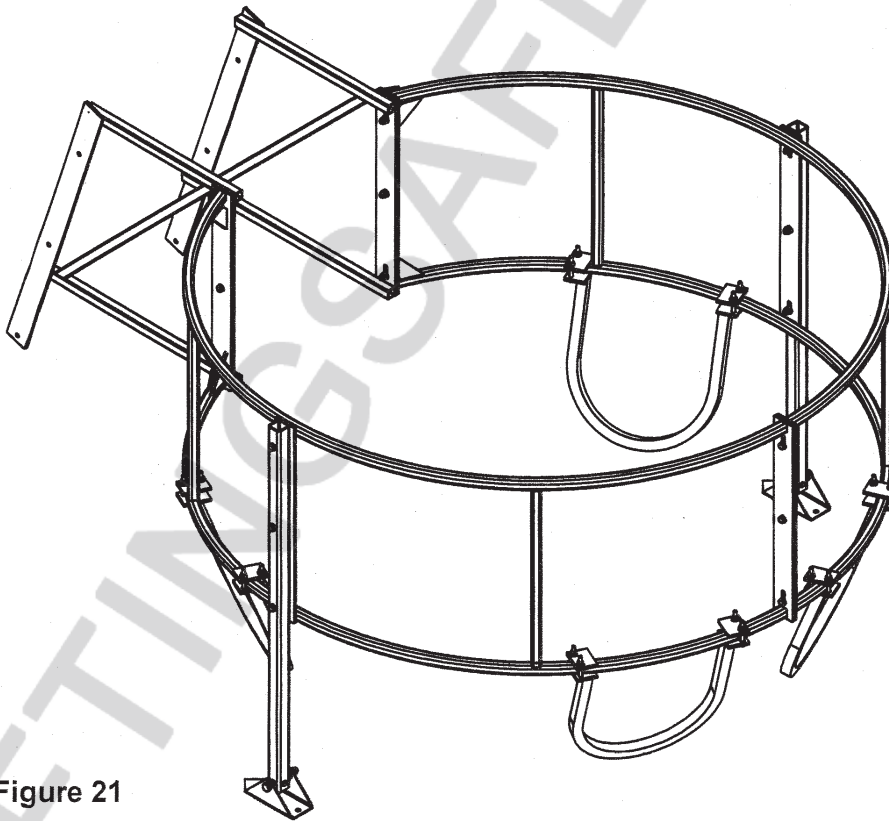


Figure 21

5.5 FT GUARD RAIL CAGE (P/N 16044) WITH 16" FALL OUT BARS (P/N 16269)



SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

1. If you have purchased a ladder with a 1' (30 cm) or 2' (60 cm) extension it will be shipped already attached. If you have purchased a ladder with a 4' (120 cm) or larger extension you will be required to attach it. Use P/N 22730 and the provided hardware to attach the extension to the bottom of the ladder as shown in Figure 22.

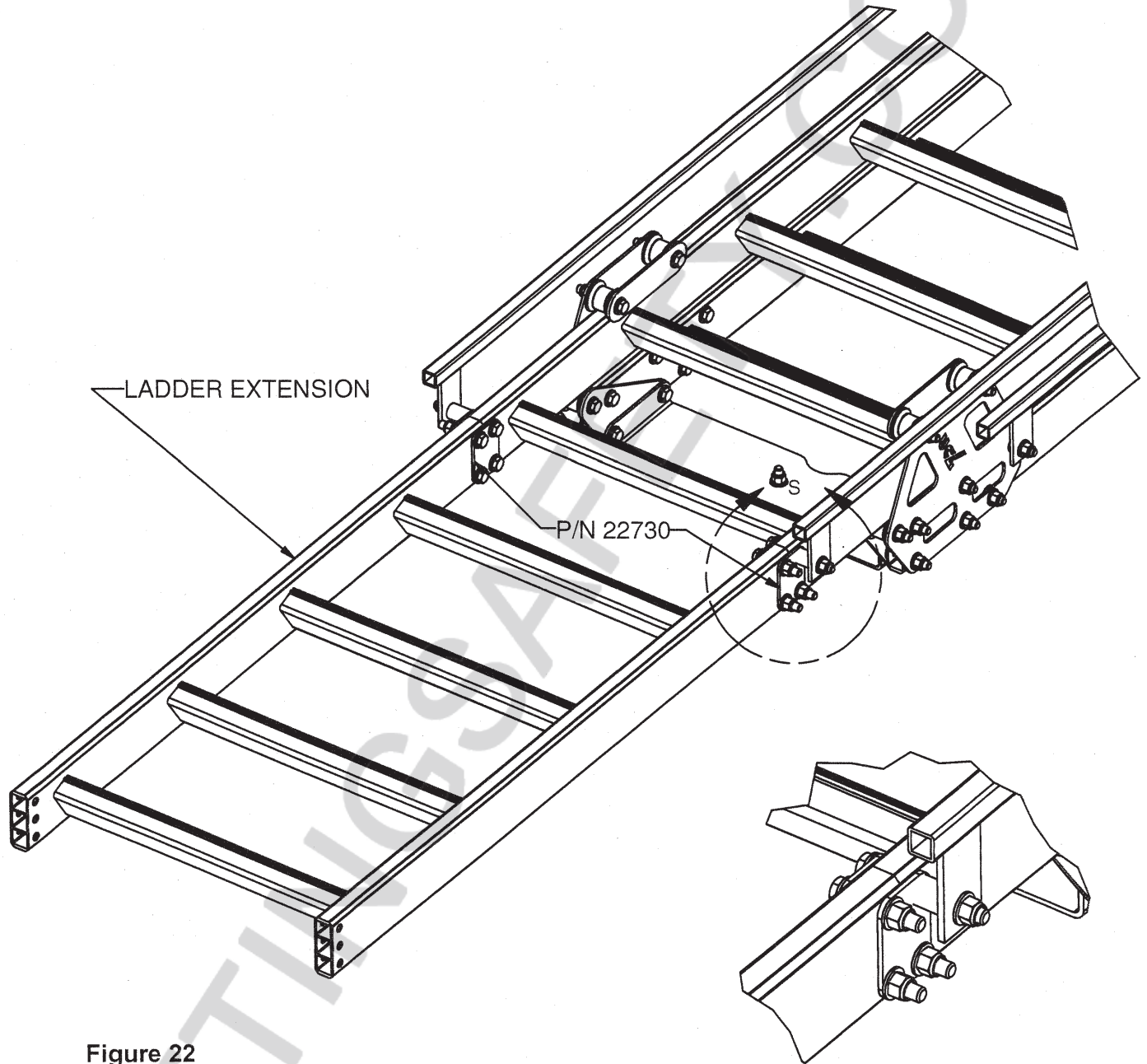


Figure 22

DETAIL S



- Using P/N 22431 and the hardware provided attach the Accessory Mount Rails (P/N 22430) and the Upper Handrails (P/N 22456) to the top of the ladder assembly.

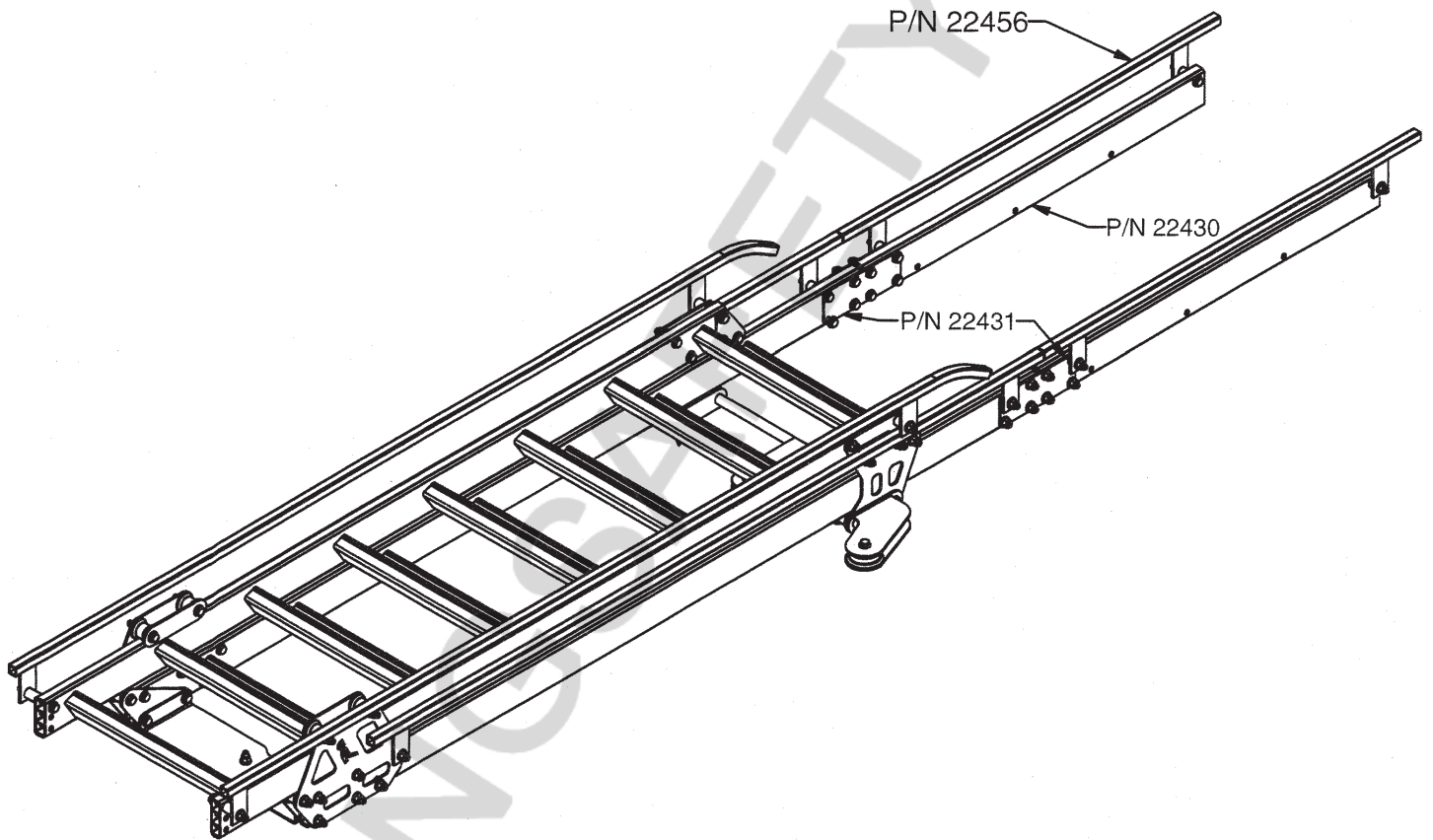


Figure 23

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

LIFTING SAFETY.CO.UK

3. Assemble the base assembly and rear cross member as shown in Figure 24.

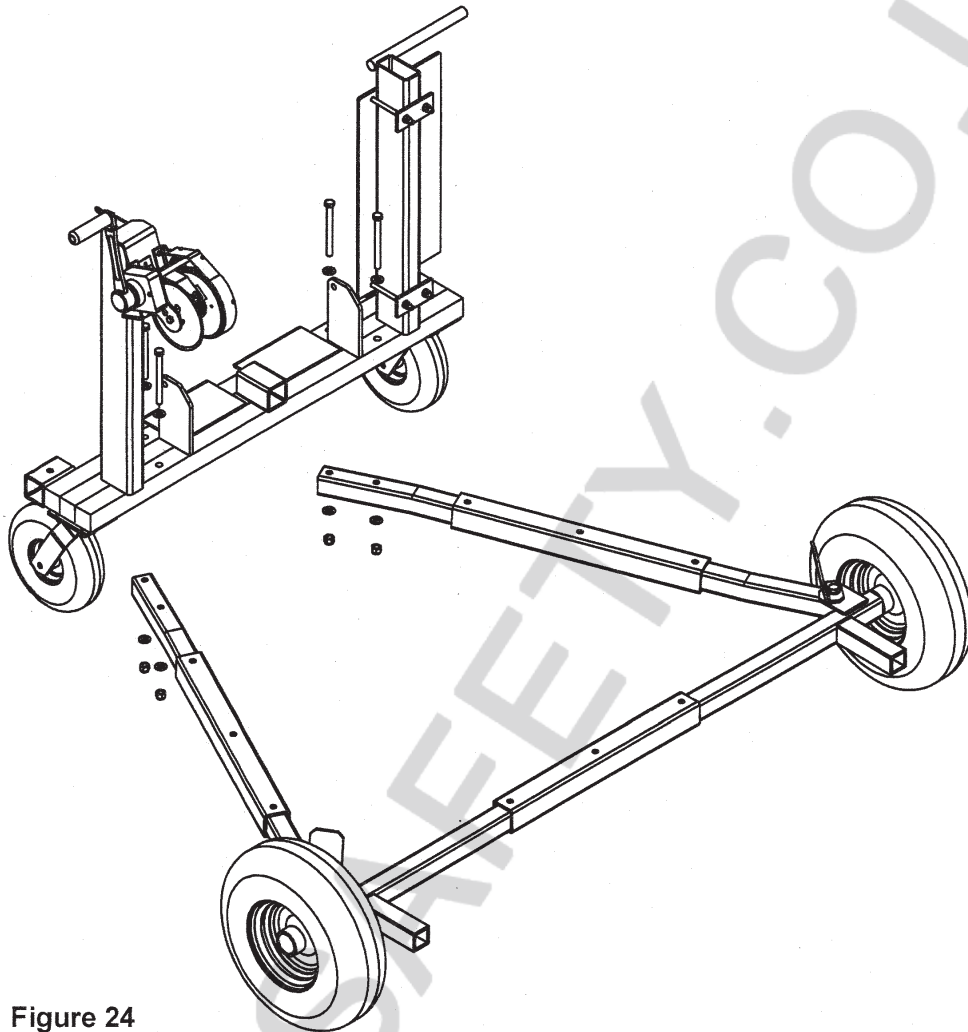


Figure 24

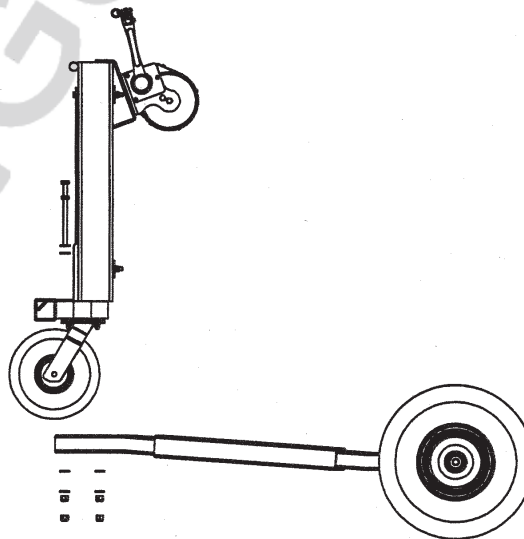


Figure 25

4. Now attach the ladder assembly to the base as shown in below.

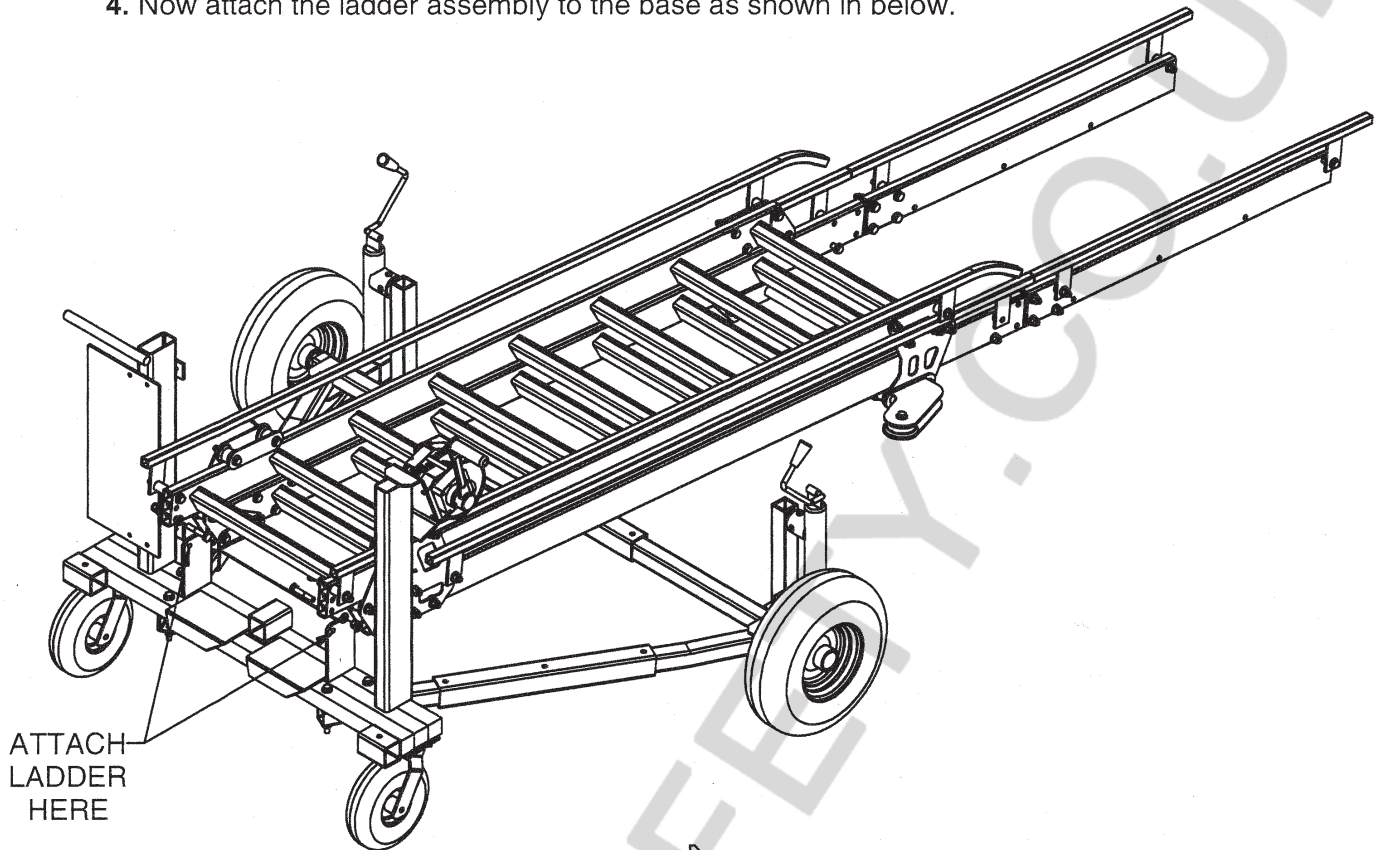


Figure 26

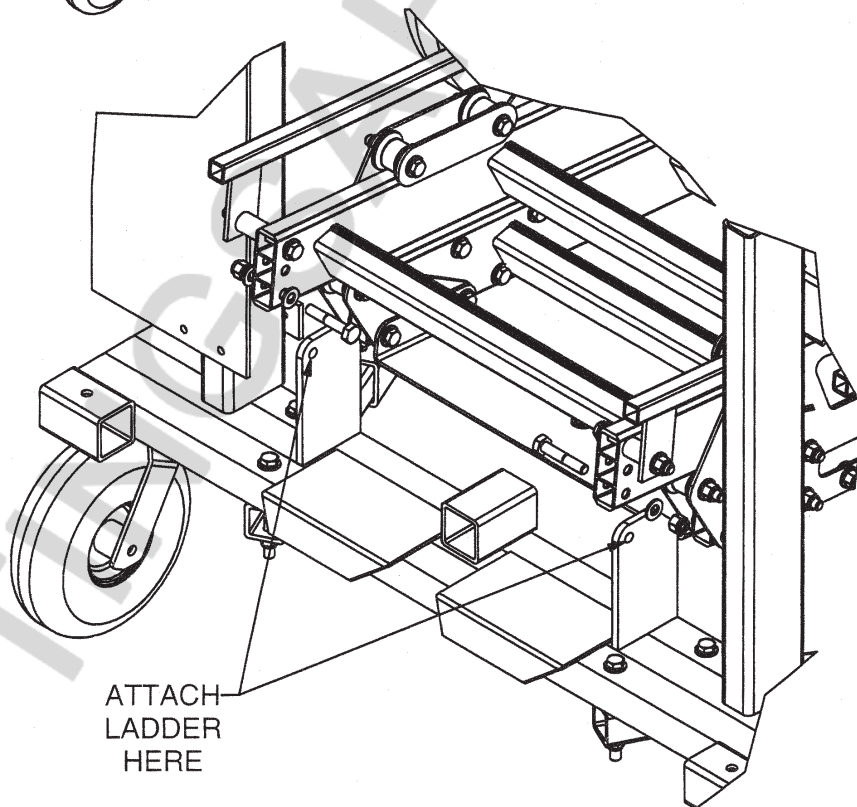


Figure 27

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

5. Raise the front of the ladder with a forklift (Figure 28). String the winch cable through the pulleys and fasten it to the cable mount plate (Figure 29).

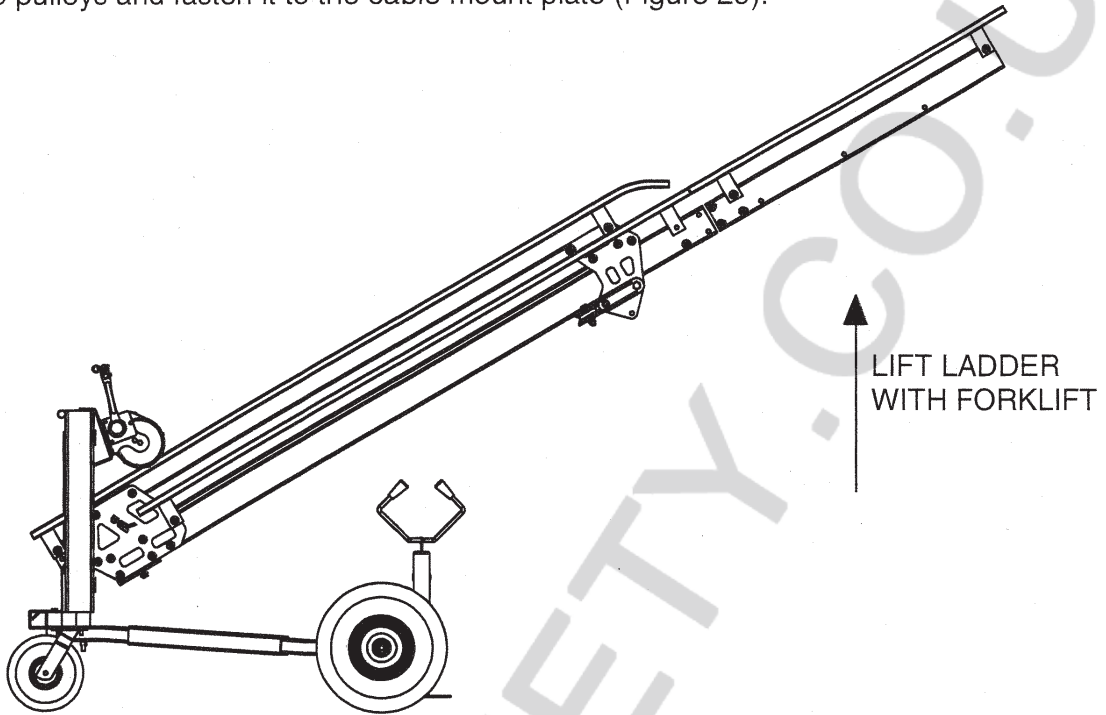


Figure 28

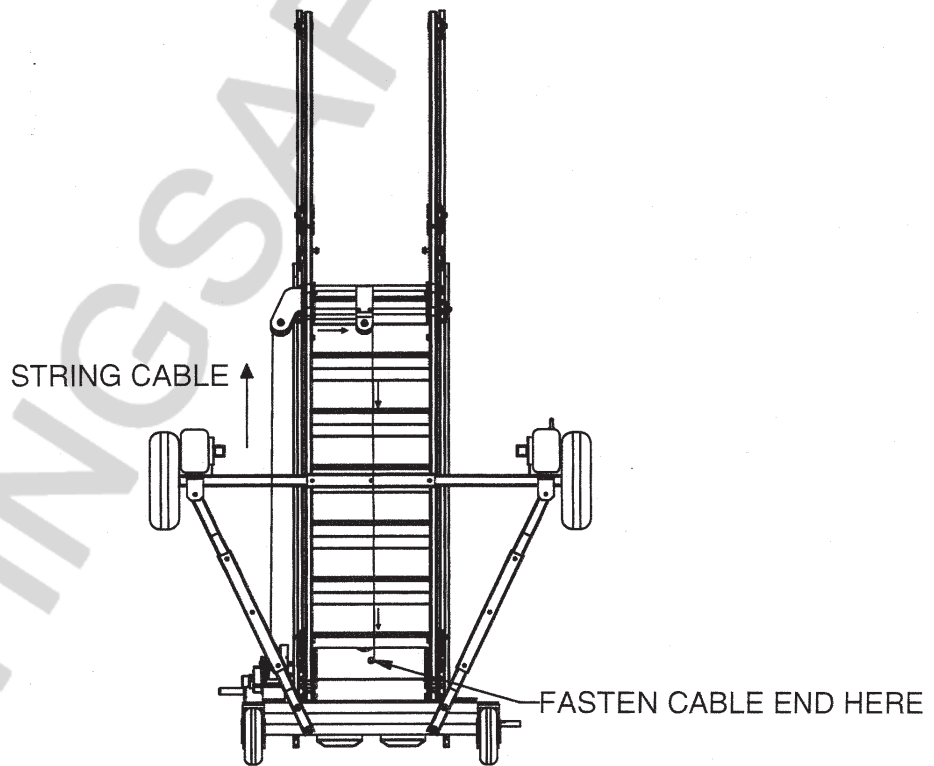


Figure 29

BOTTOM VIEW

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600



- 6. Attach the support uprights. Starting with the top holes, then attach the bottoms of the uprights to the base. Make sure to leave some slack in the cable, if it is tight you won't be able to lift the ladder.

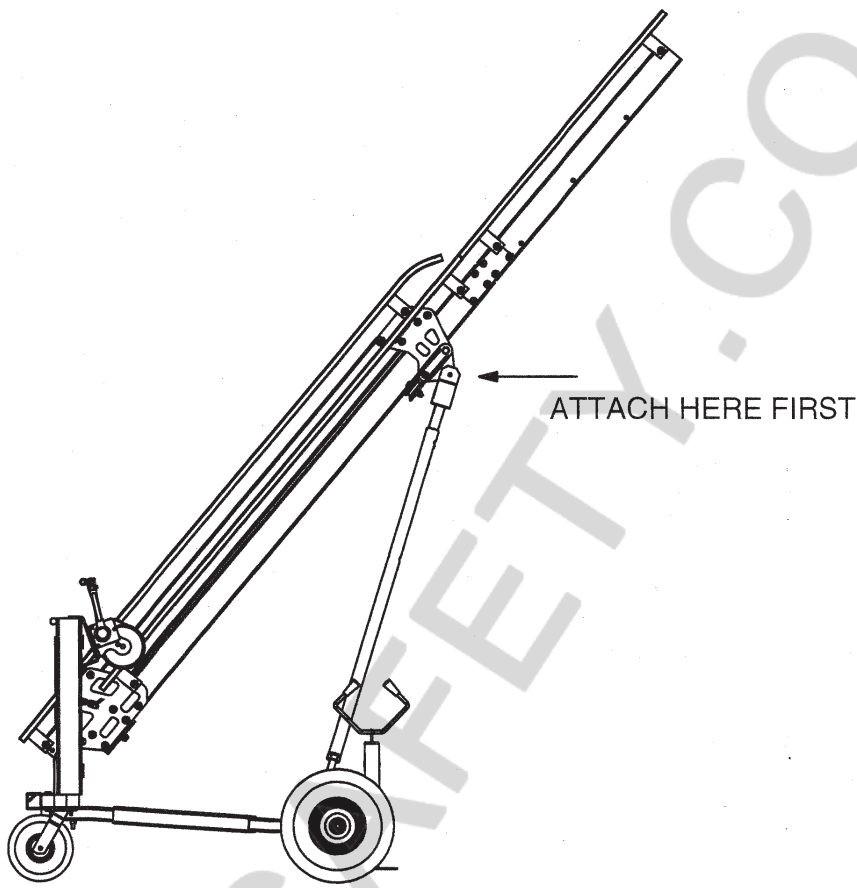


Figure 30

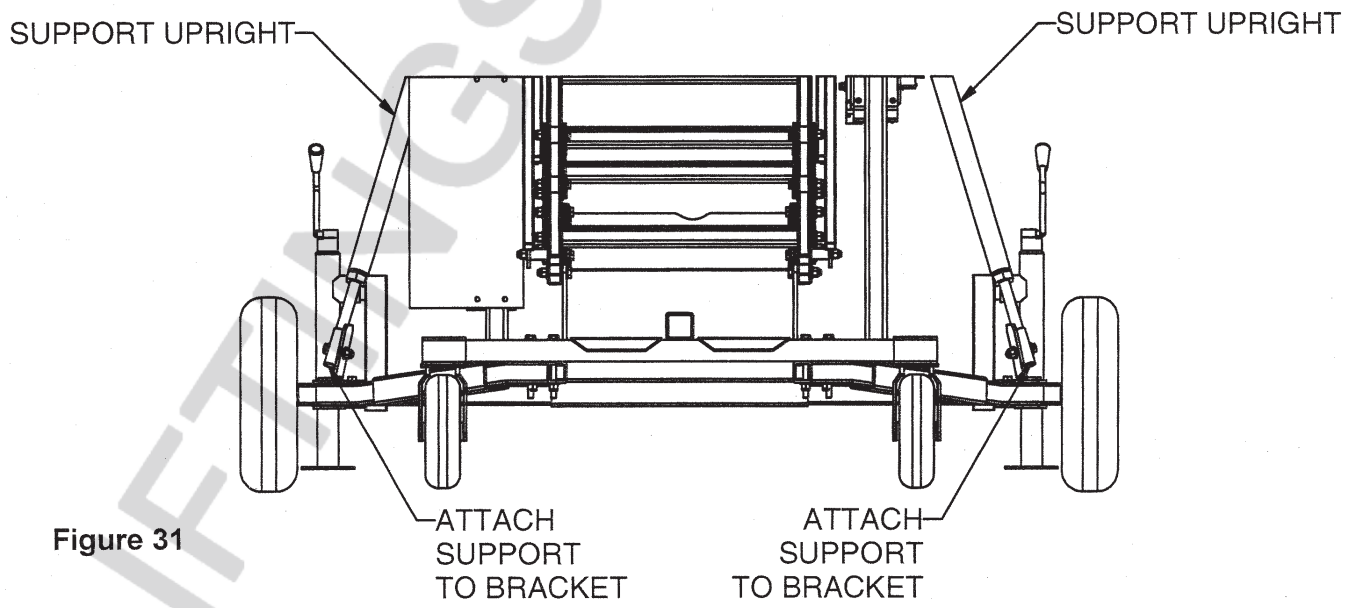


Figure 31



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
 Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
 Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
 REGISTERED

7. Attach platform as shown in Figure 32. Depending on the platform you ordered, it will be hung with either cables or bars. The illustrations below show the extendable platform (P/N 15126) hung with cables.

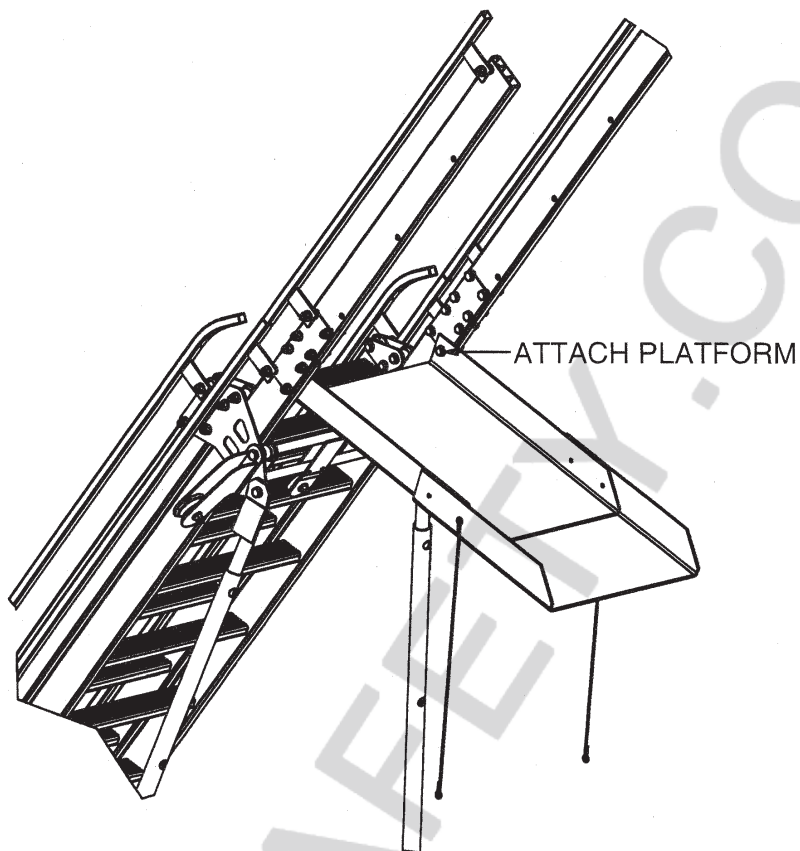


Figure 32

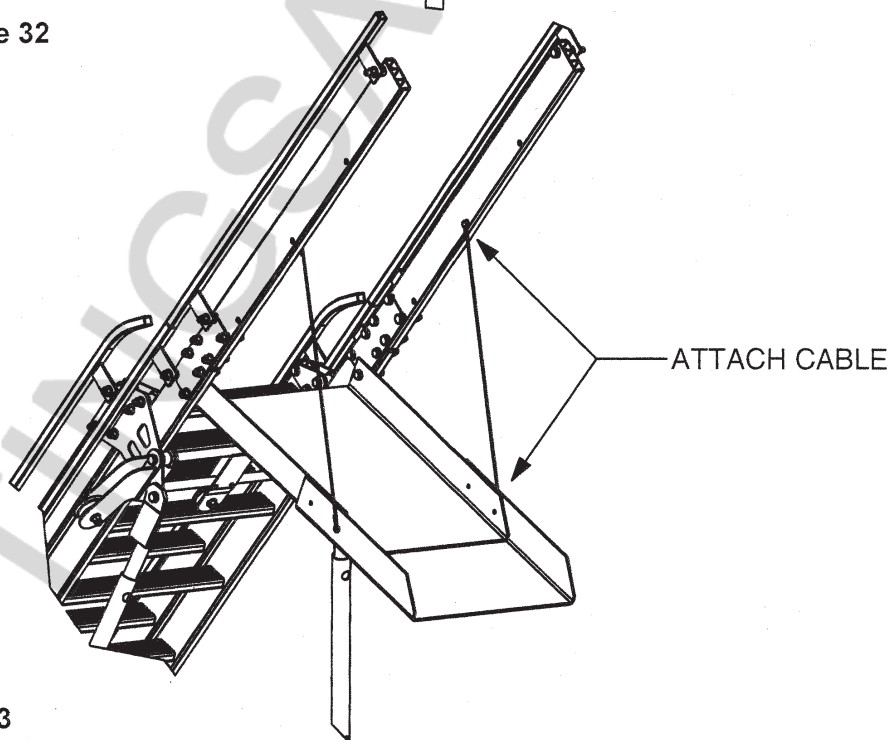


Figure 33

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

8. Attach the cage to the unit as shown in Figure 32.

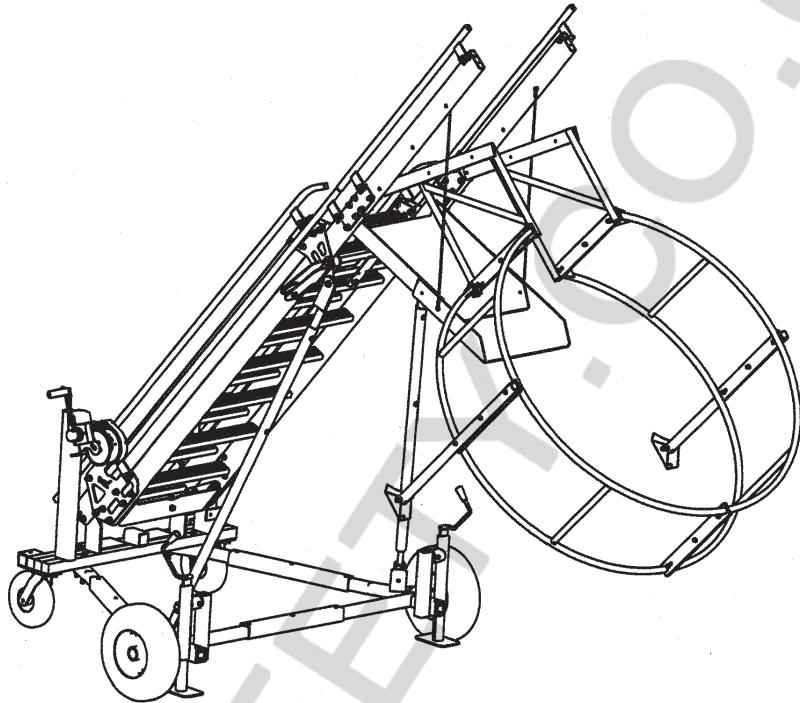


Figure 32

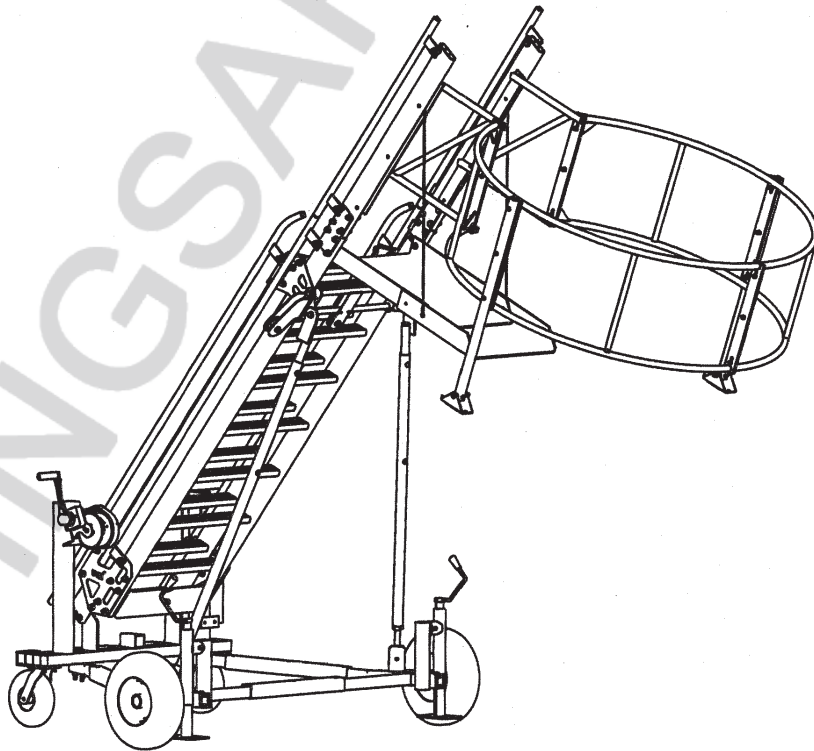


Figure 33



SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

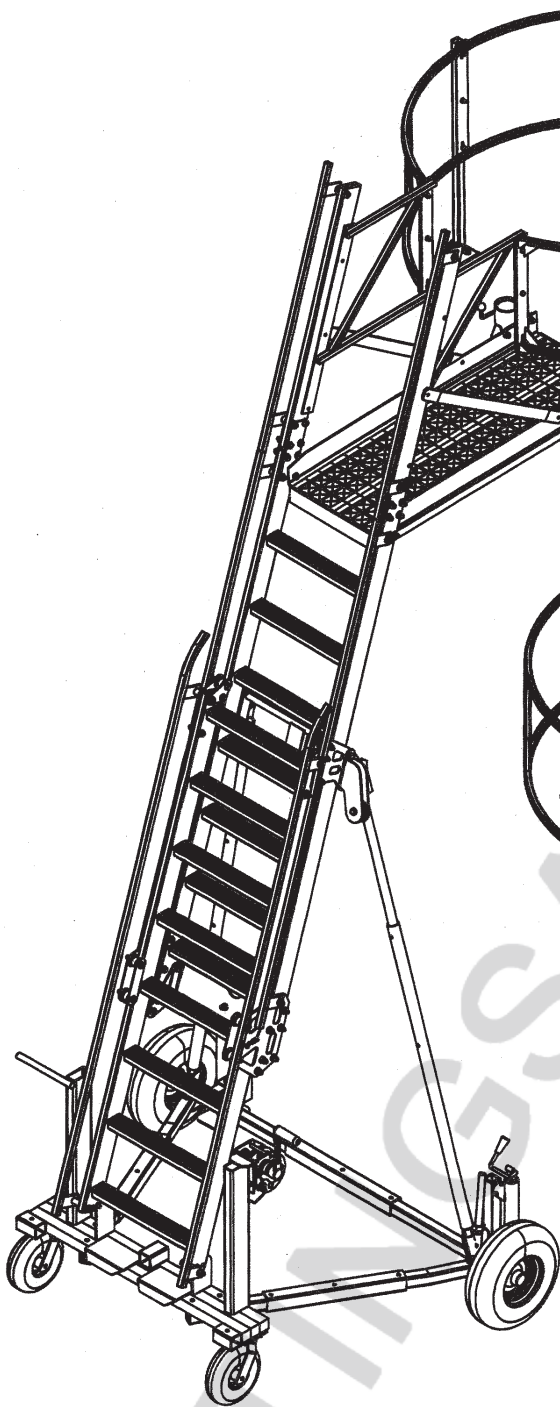


Figure 34

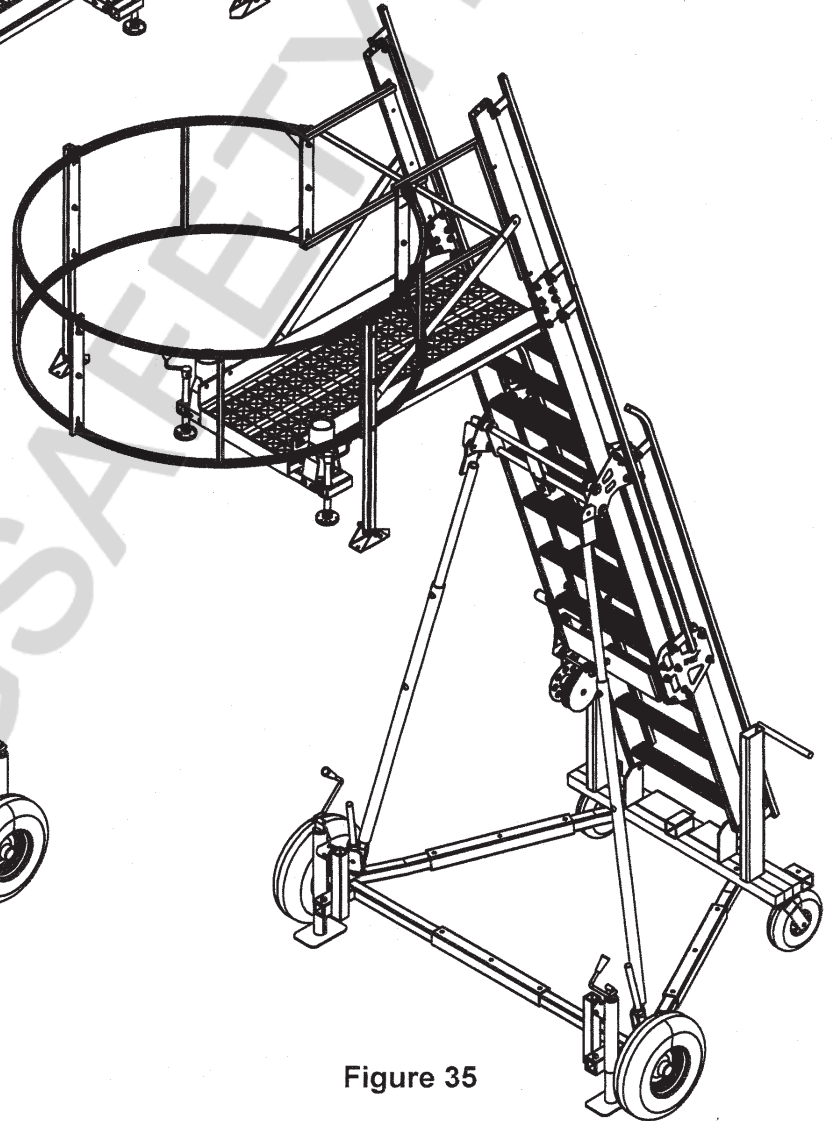


Figure 35



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
REGISTERED

PORTABLE TANKER ACCESS LADDER SYSTEM INSPECTION

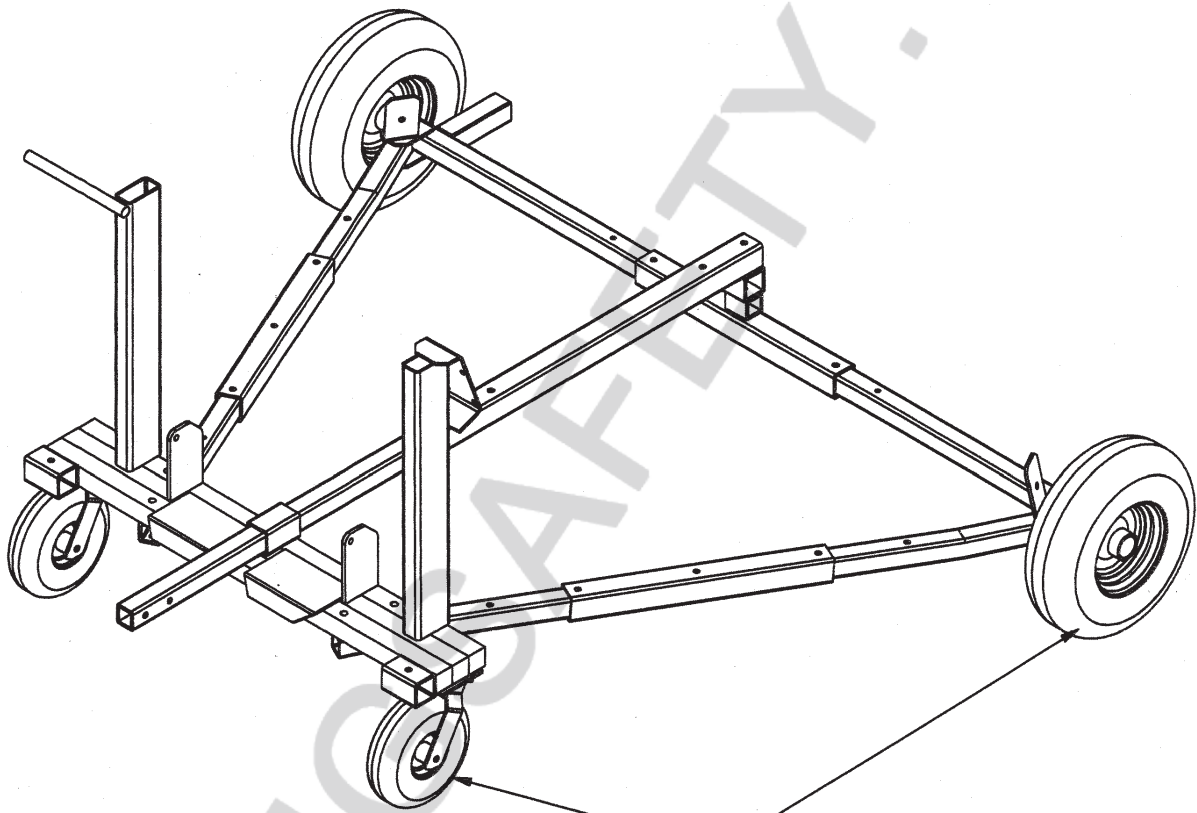


Figure 36

CHECK TIRE PRESSURE & CONDITION

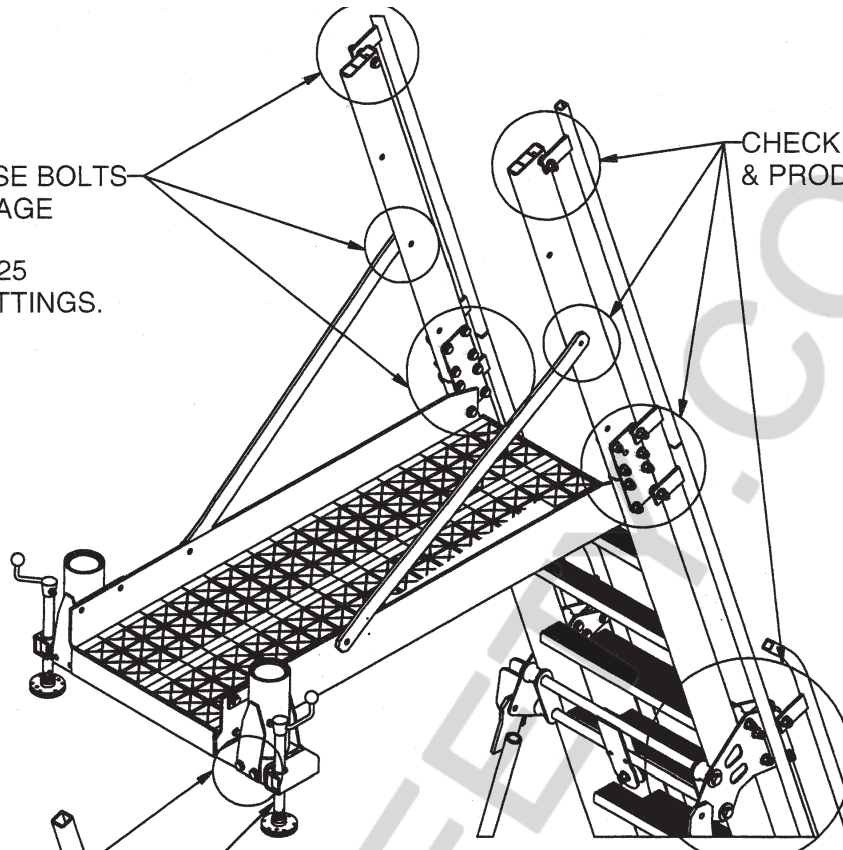
CHECK FASTENERS USING 15 ft-lbs OF TORQUE.
IF LOOSE, TIGHTEN TO 20 ft-lbs.



CHECK FOR LOOSE BOLTS
& PRODUCT DAMAGE

REFER TO PAGE 25
FOR TORQUE SETTINGS.

CHECK FOR LOOSE BOLTS
& PRODUCT DAMAGE



LUBRICATE SCREWS
WITH PENETRATING OIL

Figure 37

CHECK FOR
LOOSE BOLTS

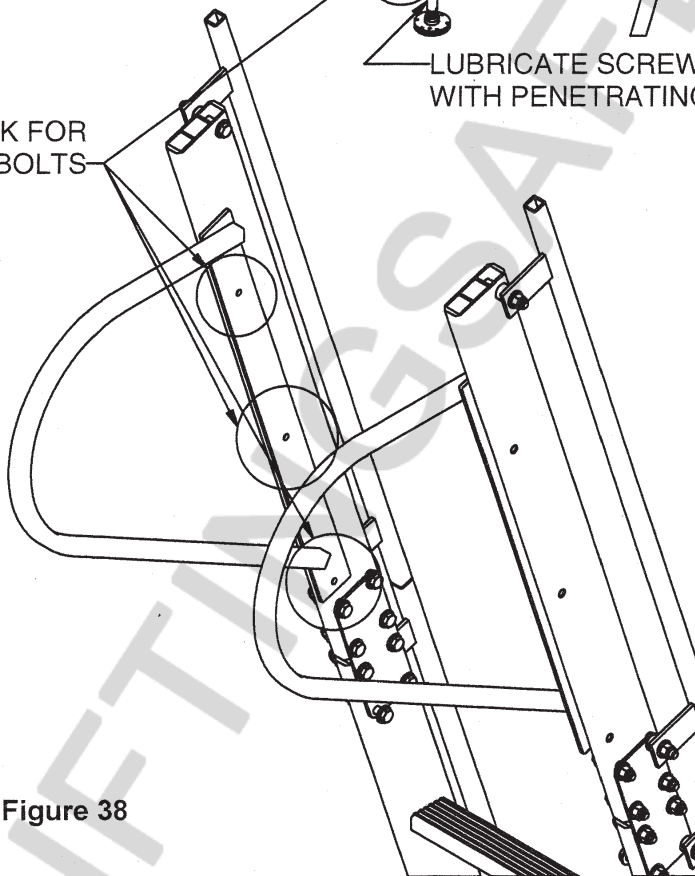


Figure 38

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

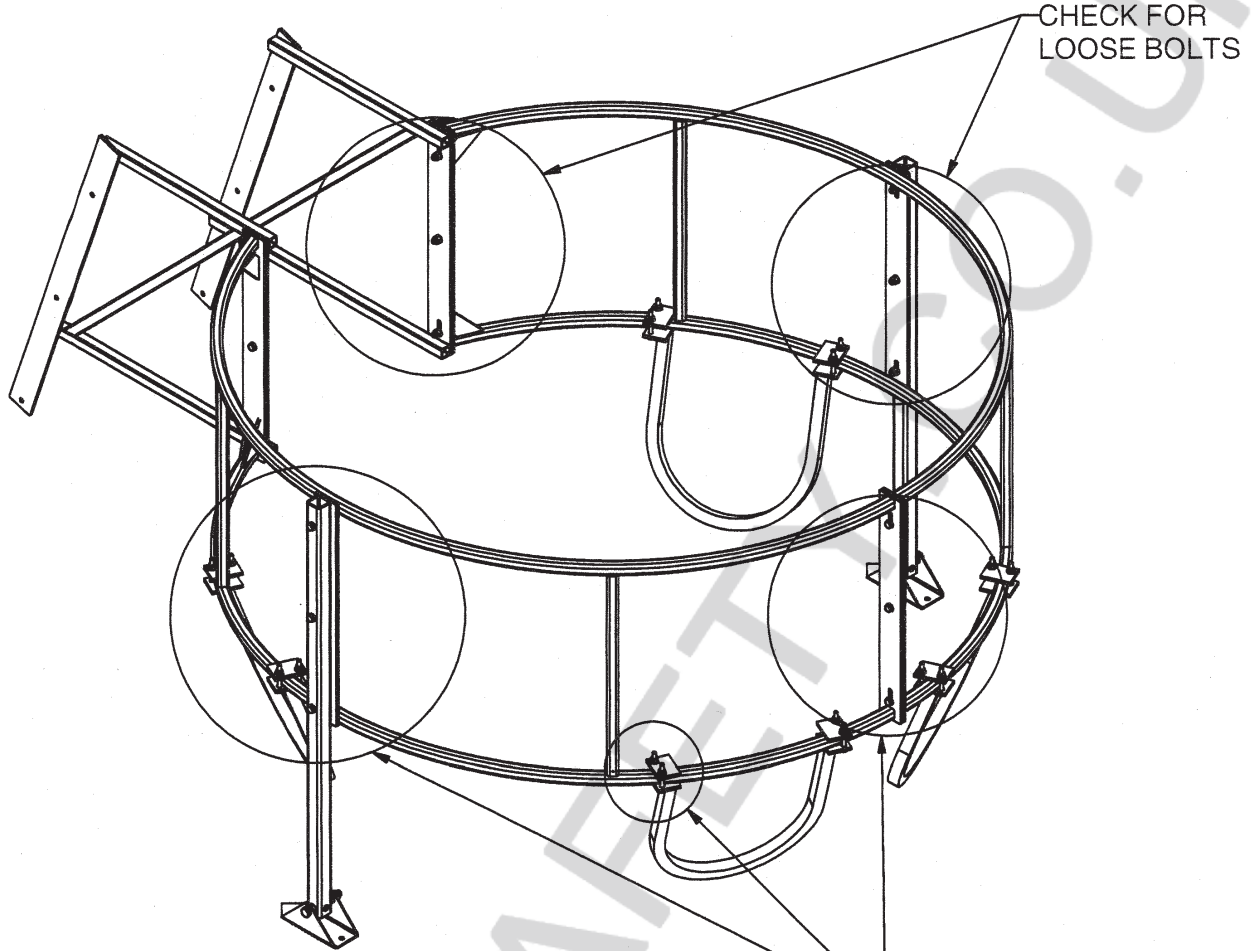


Figure 39

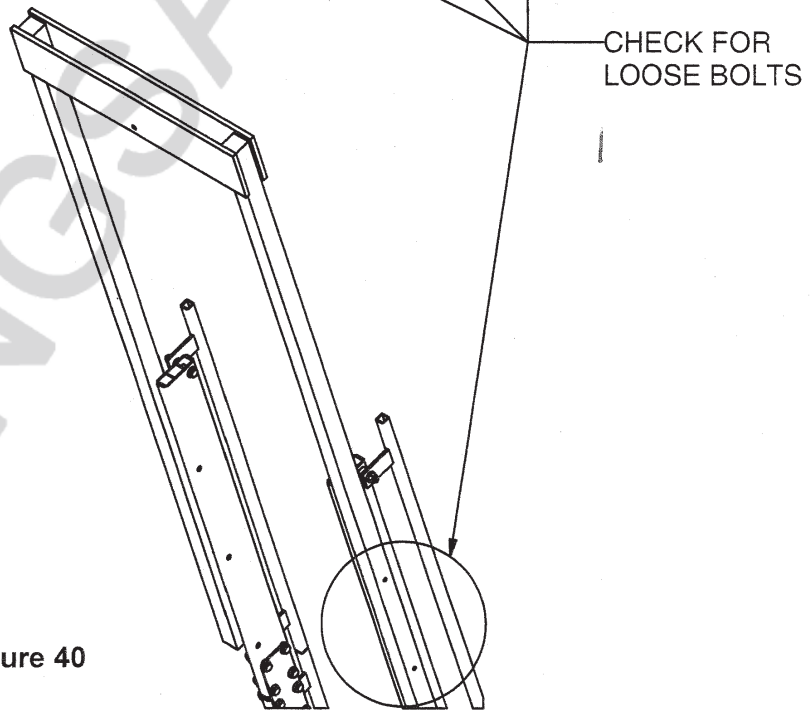


Figure 40



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
 Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
 Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
REGISTERED

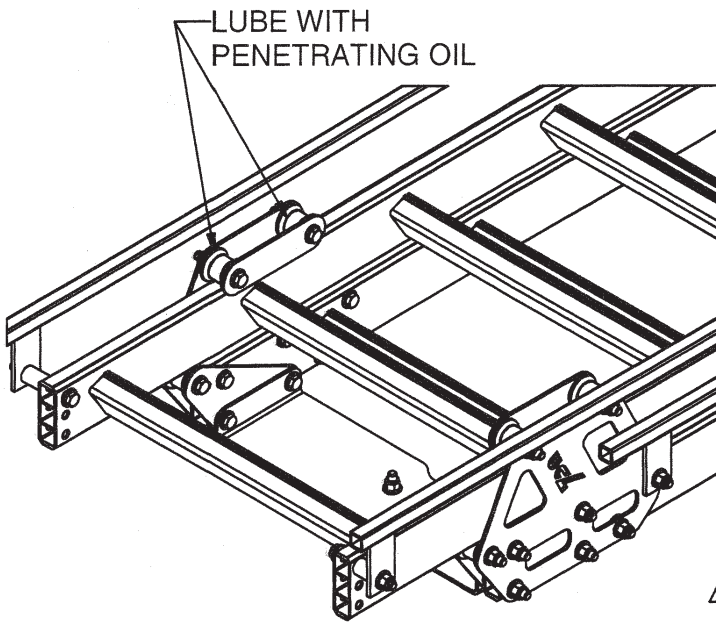


Figure 41

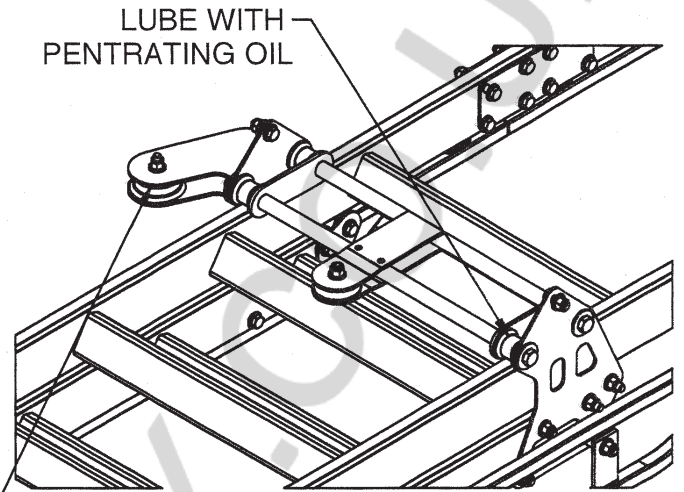


Figure 42

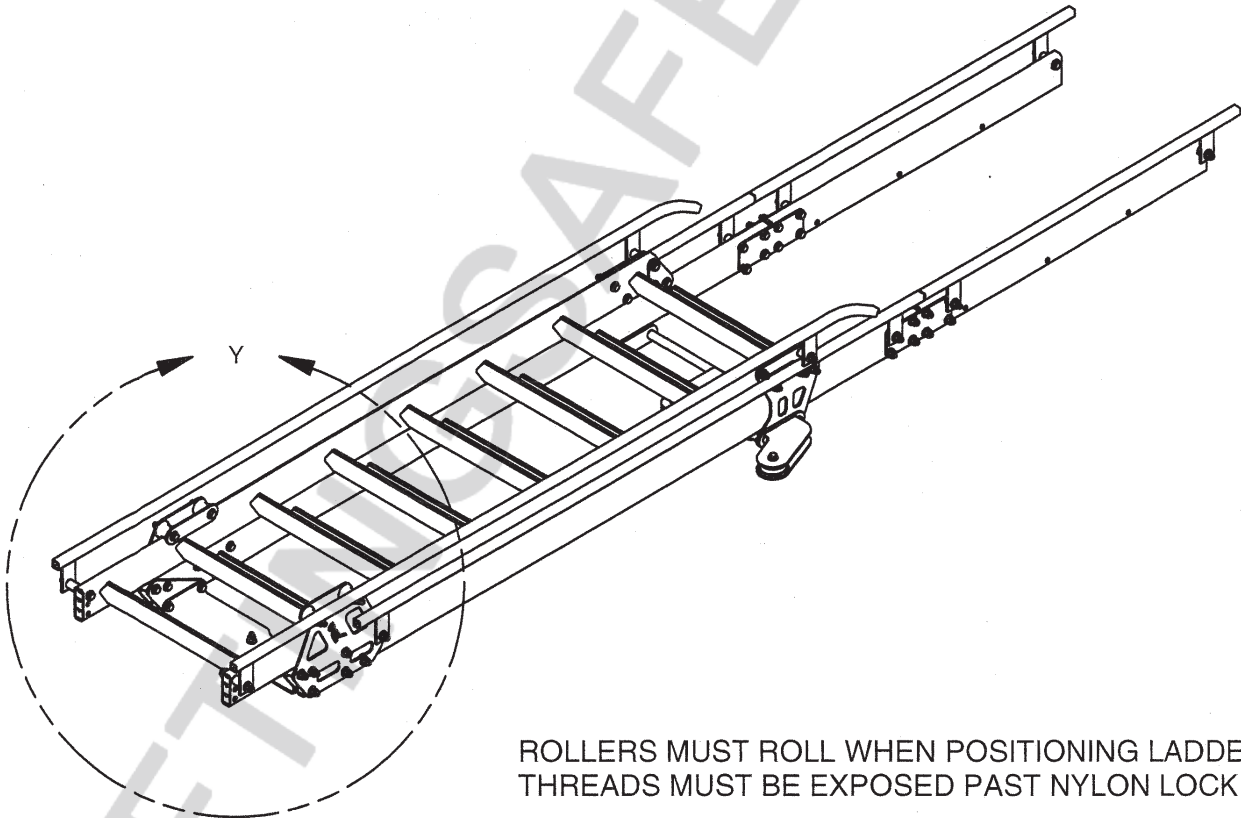


Figure 43

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

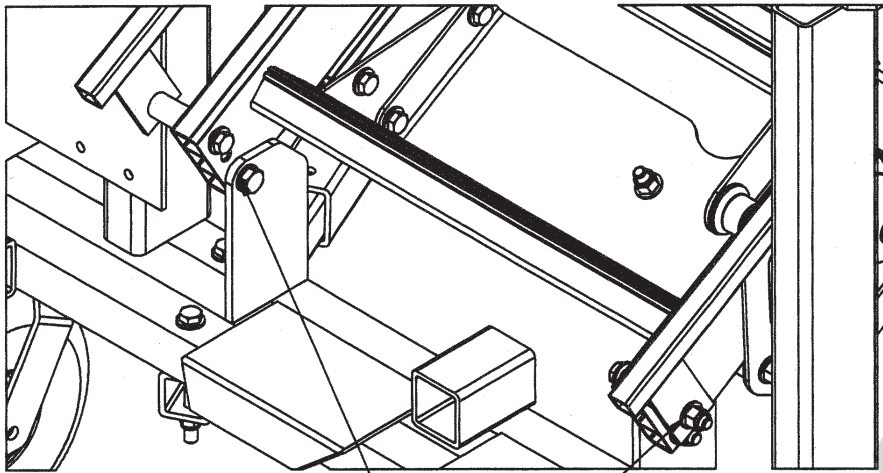


Figure 44

CRITICAL CONNECTION
CHECK TORQUE

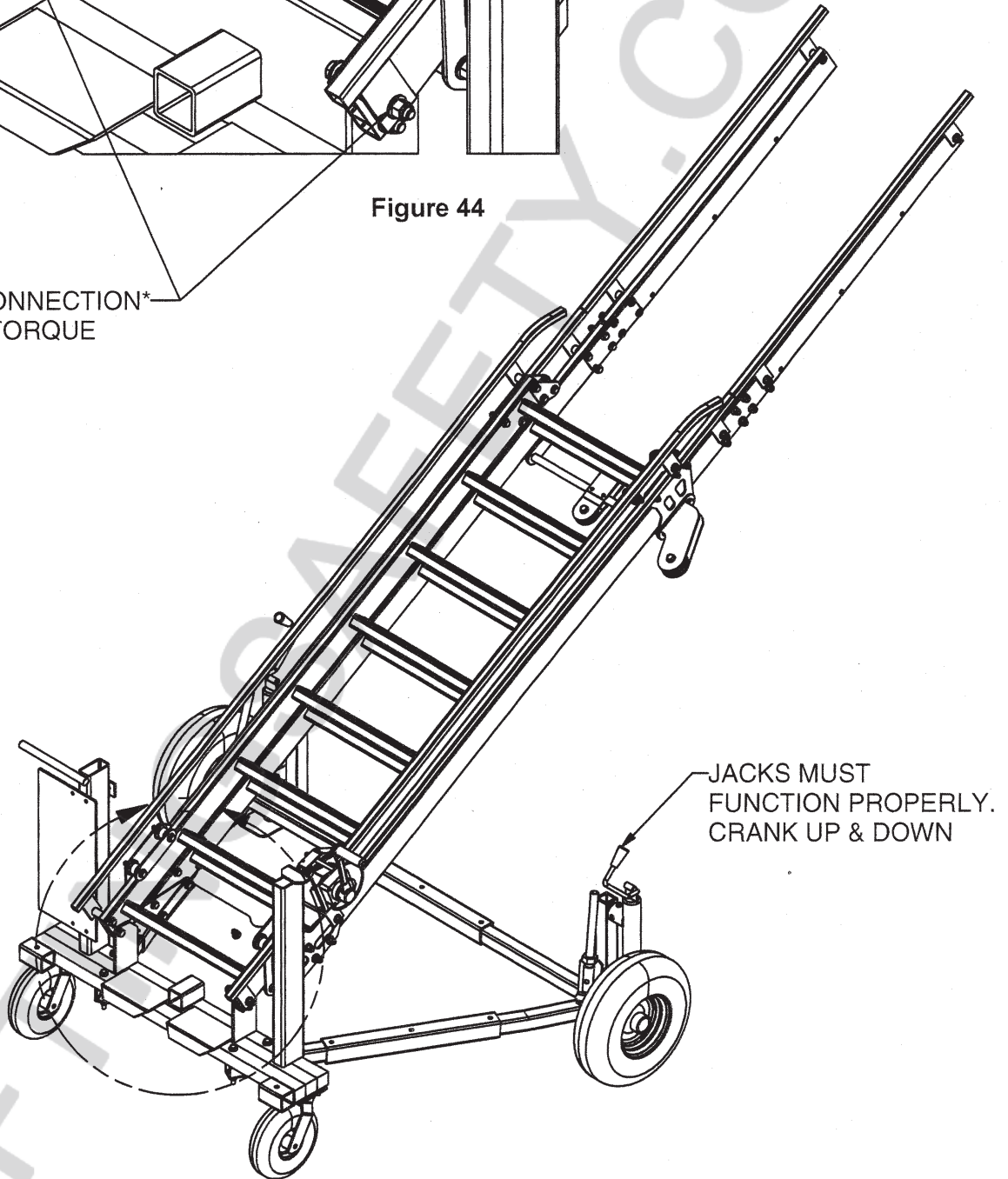


Figure 45



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
REGISTERED

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

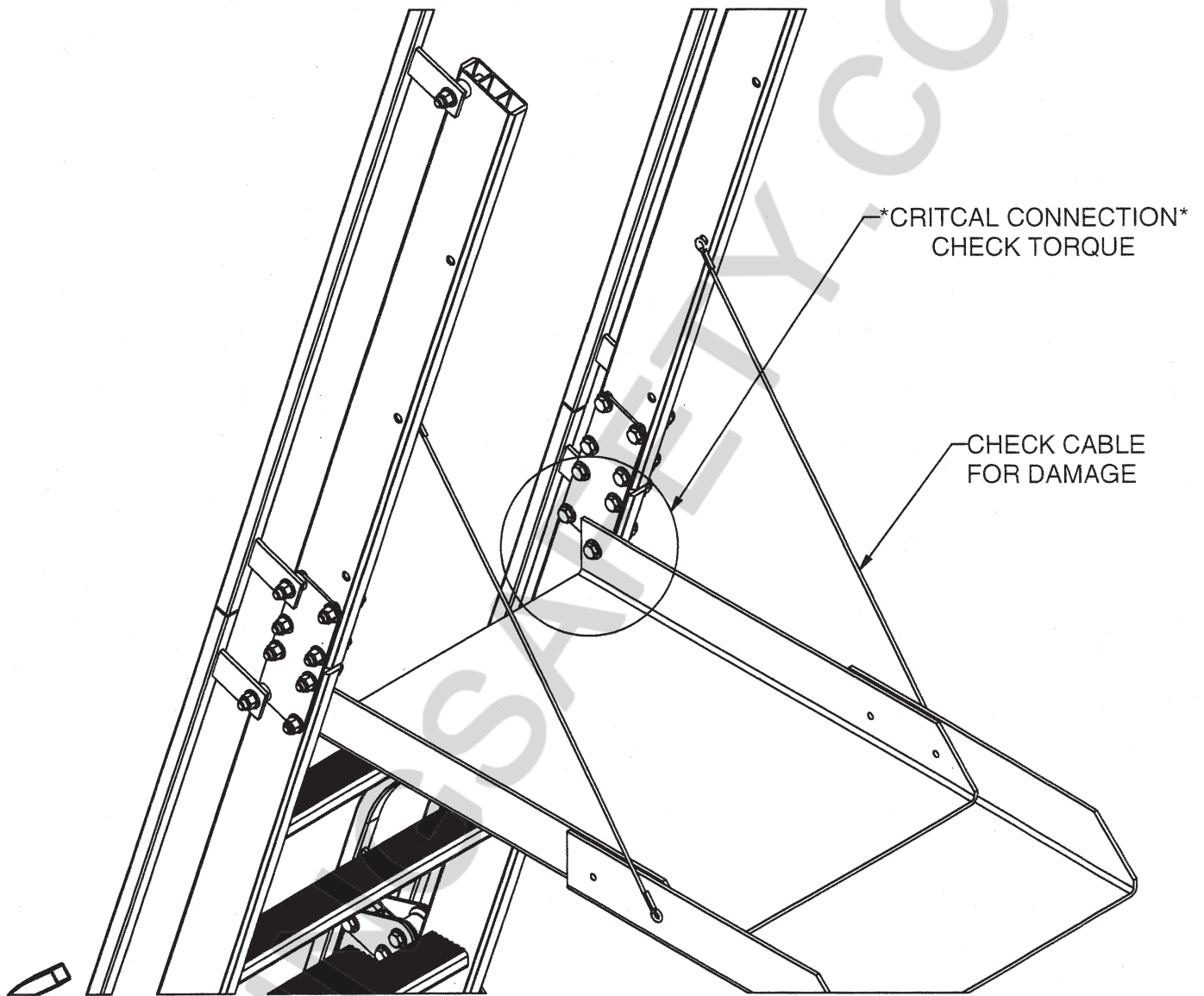


Figure 46



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 • Asia: + 65 6558 7758 •
Australia/New Zealand: 800 245 002 • Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com

ISO 9001
REGISTERED

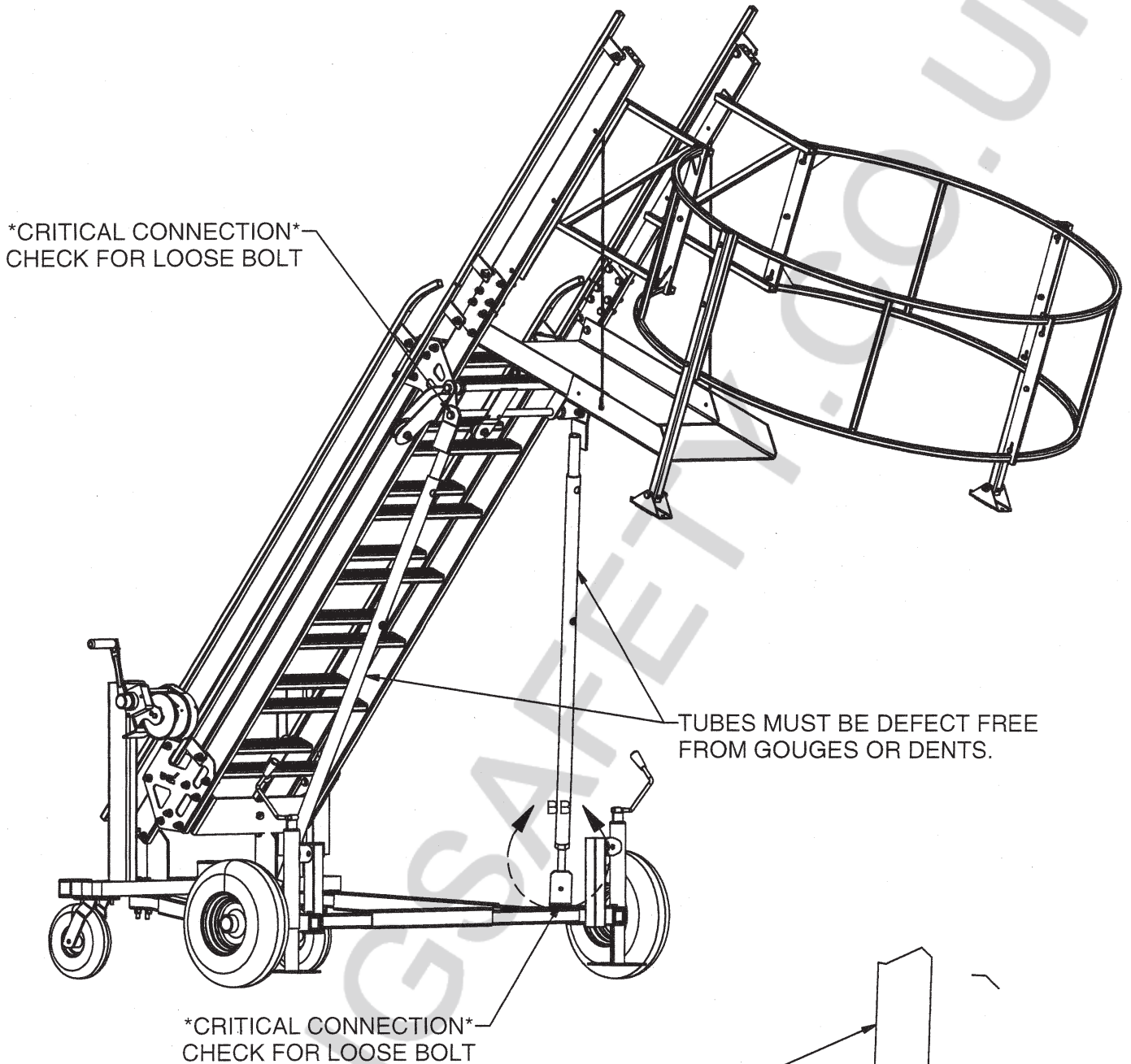


Figure 47

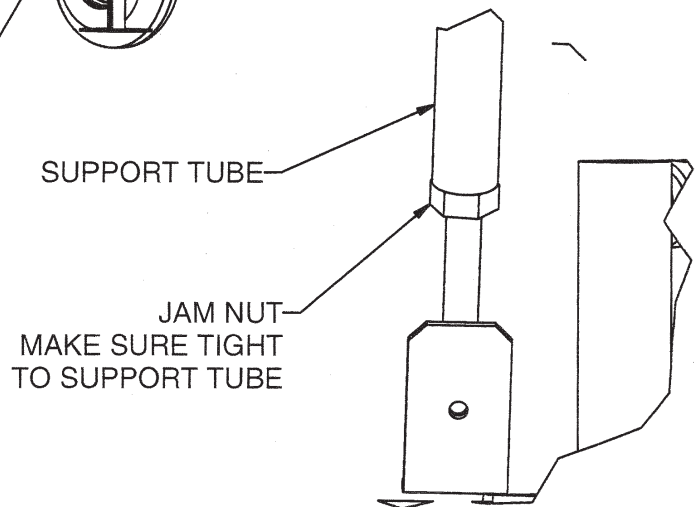


Figure 48

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600

LIFTINGSAFETY.CO.UK



Capital Safety USA: 800.328.6146 • Canada: 800.387.7484 •
Asia: + 852 2992 0381 • Australia/New Zealand: 800 245 002 •
Europe, Middle East, Africa: +33 (0) 497 10 00 10 •
Northern Europe: +44 (0) 1928 571324
www.capitalsafety.com • info@capitalsafety.com