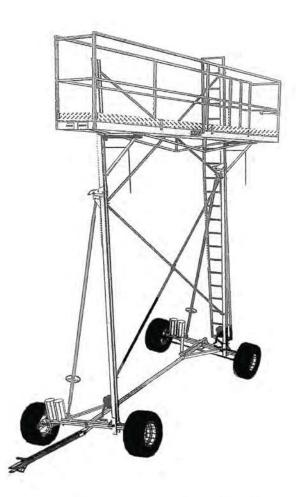
**Read This Manual First & Keep With Unit** 





#### **Instruction and Safety Manual**

For Models 139 & 195 & Accessories

Manufactured By: RUSTGO CO. 48926 State Hwy. 12 Spencer, NE 68777 USA Phone: 402-589-1247

"Truly Made in the USA"!

National Representative: <u>UNIQUE CONTRACTOR PRODUCTS, LLC</u> RUSTGO Sales & Parts 423 Valley Lake Drive Birmingham, AL 35206 Phone: 205-838-8144 Fax: 205-838-8441 TOLL FREE: 1-800-448-4077 Email: wking@rustgo.com

#### INTRODUCTION

#### то

#### RUSTGO MANUALLY PROPELLED WORK PLATFORMS

The purpose of this manual is to provide the user with the thorough understanding of the proper operating procedures necessary to comply with the intended use of the **RUSTGO** mobile work platform (manually propelled elevating aerial platform).

Do not attempt to operate this work platform until you have read all the information in this manual and understand it. Familiarize yourself with the unit's functions and operations of the controls and have a good understanding of their limitations and capabilities. Read all the various decals that are attached to this work platform before operating unit. They contain important information regarding the safety and operations of this unit.

It is **YOUR RESPONSIBILITY** to follow procedures while operating this **RUSTGO** product. The manufacturer of this work platform cannot control the wide range of applications that it may be used in carrying out a variety of jobs. Therefore, IT IS THE USER'S RESPONSIBILITY to consider all of the personnel when making decisions regarding the intended use of this work platform.

It is also YOUR RESPONSIBILITY to understand and obey all federal, state and local regulations regarding the operations and use of manually propelled elevating aerial platforms. A copy of the ANSI/SIA A92.3-1990 Manual of Responsibilities is included for your use.

#### DO NOT ALTER OR MODIFY THIS RUSTGO PRODUCT IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL FROM RUSTGO CO.

Many of the parts used in the manufacture of this **RUSTGO** mobile work platform have specific properties, and the manufacturer recommends that replacement parts be purchased through **RUSTGO CO**. in order to ensure the original integrity of the product. Repairs and adjustments should only be made by trained and qualified personnel. Please refer to this manual for information on parts, service and maintenance of this **RUSTGO** product.

RUSTGO Co. reserves the right to modify, improve, add, and/or delete certain design features without obligation to incorporate new features into previously sold products.

# RUSTGO

#### MANUALLY PROPELLED WORK PLATFORMS Are manufactured by RUSTGO CO., 48926 State Hwy. 12, Spencer, NE 68777 USA

#### CLASSIFICATIONS OF RUSTGO MOBILE WORK PLATFORMS:

RUSTGO work platforms are categorized by the following ANSI Standard:

ANSI/SIA A92.3-1990 Manually Propelled Elevating Aerial Platforms

RUSTGO work platforms are categorized by the following OSHA Standard:

#### **General OSHA Standard Part 1910**

Subpart D 1910.29 Manually Propelled Mobile Ladder Stands and Scaffolds (Towers)

(a) General requirements Section(e) Mobile work platforms

# When in use in the field on a job site refer to **1926.452(w)**, then **(NON-MANDATORY) APPENDIX A TO SUBPART L – SCAFFOLD SPECIFICATIONS**

**1926.450(W) MOBILE SCAFFOLDS.** Stability test as described in the **ANSI A92** series documents, as appropriate for the type of scaffold, can be used to establish stability for the purpose of **Sec. 1926.452(w)(6).** 

RUSTGO mobile work platforms may be used as a guardrail system for fall protection. RUSTGO mobile work platforms meet the OSHA requirements for a guardrail system under SUBPART M 1926.502 FALL PROTECTION SYSTEMS CRITERIA AND PRACTICES (a) General and (b) Guardrail systems. Any additional requirements such as tying off, screens, mesh, etc. shall be the users responsibility.

**NOTE: RUSTGO** mobile work platforms are not designed to withstand the forces imposed by the Personal fall arrest systems or Positioning device systems as in **OSHA Section 1926.502(d & e) Subpart M.** 

IMPORTANT: A COPY OF THE ANSI/SIA A92.3-1990 MANUAL OF RESPONSIBILITIES IS INCLUDED WITH THIS INSTRUCTION MANUAL. IT CONTAINS IMPORTANT OPERATING INFORMATION FOR THIS RUSTGO PRODUCT. READ IT BEFORE OPERATING THIS RUSTGO WORK PLATFORM.

When properly used in accordance with the listed OSHA requirements and ANSI standard RUSTGO manually propelled work platforms meet said standards.

#### GENERAL CODE OF SAFE PRACTICES FOR OPERATIONS OF MANUALLY PROPELLED WORK PLATFORMS

It shall be the responsibility of all users to read & comply with the following common sense rules which are designed to promote safety in the operations of manually propelled work platforms. These rules do not purport to be all-inclusive nor supplant or replace other additional safety & precautionary measures to cover usual or unusual conditions.

# If these rules conflict in any way with any state, local, or federal statue or regulation said statute or regulation shall supersede these rules and it shall be the responsibility of each user to comply therewith.

#### 1. GENERAL RULES

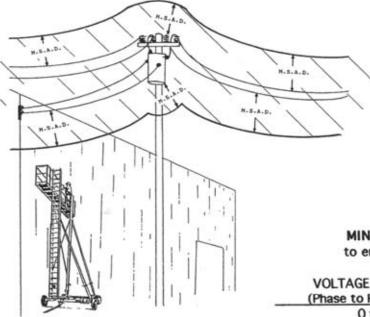
- A. SURVEY THE JOB SITE: A survey shall be made of the job site for hazards such as untamed earth fills, ditches, debris, high tension wires, unguarded openings, hazardous conditions created by other trades.
- B. INSPECT ALL EQUIPMENT BEFORE USING: Never use any equipment which has an obvious defect. Defective equipment must be repaired before using.
- C. NEVER USE EQUIPMENT FOR PURPOSES OR IN WAYS FOR WHICH IT WAS NOT INTENDED.
- D. REPORT ANY UNSAFE CONDITION.
- E. NEVER TAKE CHANCES: Do not work on platform if your physical condition is such that you feel dizzy or unsteady in any way.
- F. RUSTGO brand manually propelled work platforms <u>are not insulated</u> for use near electrically energized circuits. User should therefore consider the work platform to be non-insulated unless otherwise labeled.
- G. The operation of any work platform is subject to certain hazards that cannot be protected against by mechanical means but only by the exercise of intelligence, care, and common sense. It is, therefore essential to have competent, careful operators, physically and mentally fit and thoroughly trained in the safe operations of this type of equipment.

#### 2. OPERATING RULES

- A. FOLLOW ALL STATE, LOCAL, AND GOVERNMENT CODES, ORDINANCES AND REGULATIONS PERTAINING TO WORK PLATFORMS.
- B. Read manufacturer's operating instructions. Never exceed manufacturer's recommended load. All accessories must be installed and used in accordance with manufacturer's recommended procedures.
- C. Perform daily maintenance checks and make visual inspection of work platform & surrounding area to be sure both are clear of other personnel & obstructions.
- D. Guardrails: Do not use machine without guardrails. Do not stand on guardrails to gain extra reach. Do not use guardrails to carry materials.
- E. Do not lean out over platform railings to perform work.
- F. Do not use ladders or makeshift devices on the platforms to obtain greater height.
- G. Do not operate equipment near electrical power lines (see enclosed additional information).
- H. Care must be taken to prevent ropes, electrical cords, hoses, etc. from becoming entangled in equipment when platform is being raised or lowered or equipment moved.
- I. Do not alter equipment or override safety devices in any way.
- J. Do not ride on platform while it is being moved.
- K. Remove all material and equipment from platform before moving.
- L. DO NOT OVERLOAD WORK PLATFORM.
- M. Use proper guardrails and toe boards when required.
- N. Consult your scaffolding supplier when in doubt. Never take chances.

- O. Employees shall not work on platforms during storms, high winds, freezing rain or other adverse weather conditions that could endanger workman. Employees shall not work on platforms which are covered with ice, snow, or frost, unless all ice, snow or frost is removed and decking sanded to prevent slipping.
- P. Overhead protection shall be provided for employees on a platform exposed to overhead hazards.

# DANGER ELECTROCUTION HAZARD



MINIMUM SAFE APPROACH DISTANCE(M.S.A.D.) to energized(exposed or insulated) power lines and parts.

| VOLTAGE RANGE        | MINIMUM SAFE APPROACH DISTANC |               |  |
|----------------------|-------------------------------|---------------|--|
| (Phase to Phase)     | (Feet)                        | (Meters)      |  |
| 0 to 300V            |                               | AVOID CONTACT |  |
| Over 300V to 50KV    | 10                            | 3.05          |  |
| Over 50KV to 200KV   | 15                            | 4.60          |  |
| Over 200KV to 350KV  | 20                            | 6.10          |  |
| Over 350KV to 500KV  | 25                            | 7.62          |  |
| Over 500KV to 750KV  | 35                            | 10.67         |  |
| Over 750KV to 1000KV | 45                            | 13.72         |  |

DANGER: \*DO NOT ALLOW MACHINE, PERSONNEL OR CONDUCTIVE MATERIALS INSIDE PROHIBITED ZONE. \*MAINTAIN M.S.A.D. FROM ALL ENERGIZED LINES AND PARTS AS WELL AS THOSE SHOWN. \*ASSUME ALL ELECTRICAL PARTS AND WIRES ARE ENERGIZED UNLESS KNOWN OTHERWISE CAUTION: \*DIAGRAMS SHOWN ARE ONLY FOR PURPOSES OF ILLUSTRATING M.S.A.D. WORK POSITIONS, NOT ALL WORK POSITIONS.

#### **PRE-ERECTION JOB SITE INSPECTION & PREPARATION**

The following guidelines are not all inclusive; rather they are examples of job site conditions to be aware of.

A survey of all obstructions, impediments or encumbrances that would pose a danger during the entrance onto the job site, during the course of working on the job site and during the exiting of the job site should be taken prior to arrival of the equipment at the job site.

This shall include, but is not limited to, aerial, ground and any buildings surveys. It shall include such potential hazards as:

Uneven ground, untamed earth fills, ditches/trenches, holes or depressions in the ground.

Electrical power, distribution lines. Guy wires

Protrusions from out of the ground or overheard from buildings or poles.

Debris, unguarded openings, hazardous conditions created by other trades or unauthorized people on the job site. Weather conditions and forecasts and other possible unsafe conditions.

#### All potential hazards should be corrected or flagged and barricaded.

- The common types of accidents scaffolding and mobile work platforms are most likely to be involved in are tip over, collapse, and electrocution.
- Tip over would most likely be caused by one or a combination of the following: wind, uneven ground conditions, overloading and/or failure to keep uprights vertically plumb or failure to properly erect equipment.
- Collapse would most likely be caused by overloading or failure to properly erect equipment.
- Electrocution would most likely be caused by failure to lower platform(s) and/or remove the upright extensions to maintain safe clearances of electrical power distribution lines. KNOW THE HEIGHT AND VOLTAGE OF ALL POWER LINES ON AND ADJACENT TO THE JOBSITE. KNOW THE HEIGHT OF ALL EQUIPMENT AND MATERIALS BEING USED AT THE JOBSITE.
- ◆ THE MAXIMUM HEIGHT OF A STANDARD MODEL 139 WITH THE MAIN PLATFORM FULLY EXTENDED IS APPROXIMATELY 23ft. 2in. (+ or − 2")
  Approx. 7.06 meters
- ◆ THE MAXIMUM HEIGHT OF A STANDARD MODEL 195 WITH THE MAIN PLATFORM FULLY EXTENEND IS APPROXIMATELY 29ft. 3in. (+ or − 2")
  Approx. 8.9 meters

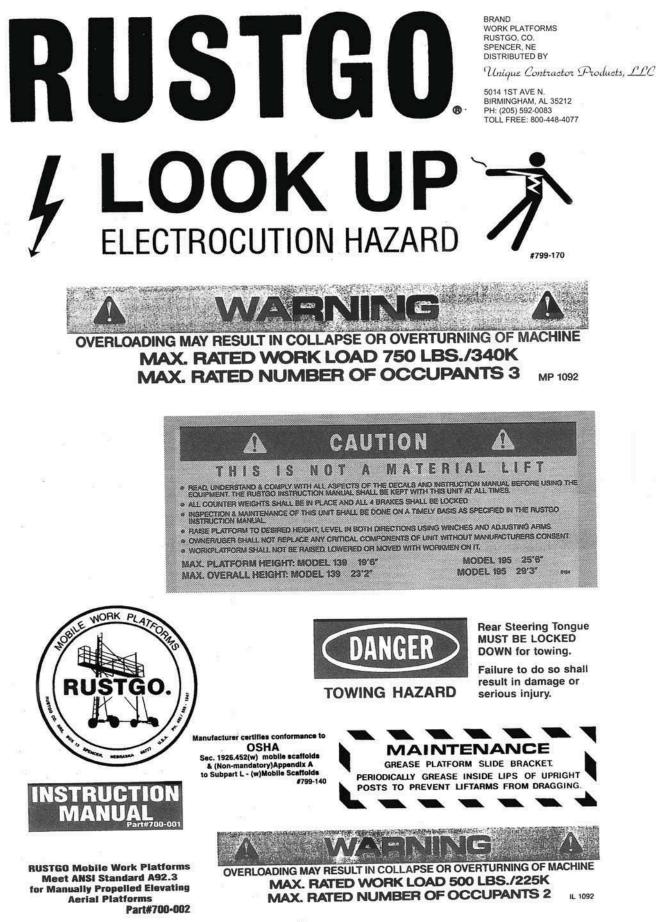
#### --GENERAL INSPECTION & MAINTENANCE—

Daily visual inspection shall be conducted of the structural components and other critical components, such as pin, bolts and locking devises (including pawls). Check for metal/weld fatigue on all parts including slide mechanism on platforms. Check for bent or worn parts or components that need maintenance, repair or replacement. When parts or components need replacement, they shall be identical or equivalent to original parts or components.

Environmental conditions such as acidic rain, salt water air or extremely wet conditions can have an impact on various equipment parts and must be taken into account when determining if inspections should be made more frequently than the recommended minimums. Amount of use and amount of towing should also be taken under considerations to determine if inspections should be made more frequently than the recommended minimums.

The following are <u>minimum</u> frequency recommendations regarding the inspection and maintenance of the unit:

| KEY:                  | D-Daily V   | /-Weekly 1                  | M-Monthly   |
|-----------------------|---|-----------------------------|---|
| D                     | 1. Check to be sure Instruction Manu  | al is in Instruction Manual | storage holder  |
| D                     | 2. ALL decals are in place and legible  |                             |   |
| D                     | 3. Check brake handles, they should   | nove easily. Oil or grease  | pivot.  |
| D                     | <ol> <li>Lock brakes. If wheels turn easily,<br/>wheels still turn, brake band linings a</li> </ol> |                             | bolt on brake band until wheel is securely locked. If lace. |
| D                     | 5. Check tire pressure & wear. Main<br>should be matched sets on each axle                          |                             | ded tire pressure. Replace worn out tires. Tires<br>less.   |
| D                     | 6. Front & Rear tongue bolts tight.   |                             |   |
| D                     | 7. Is Rear steering tongue working pr   | operly. CHECK BEFORE TO     | DWING ON STREETS & ROADS.                                   |
| D                     | 8. Check Extension Ladder safety cate   | ch; it should move freely.  |   |
| D                     | 9. Ladders should not have bent or b  | roken rungs.                |   |
| D<br>D<br>D<br>D<br>D | 10. Check winch cables. If frayed or l  | oadly pinched, replace. M   | ake sure Hair pin clips are in place.                       |
| D                     | 11. All guardrails are straight, in place   | e, and secured with ¼" saf  | ety pins.   |
| D                     | 12. Entry latches are in working orde   | r.                          |   |
| D                     | 13. All x-brace are straight. Check fo  | r excessive wear or metal   | cracks at connections and/or brackets.                      |
| W                     | 14. Inspect cable sheaves & clevis pir  |                             |   |
| W                     | 15. Check lift arm ropes for wear and   |                             |   |
| W                     | 16. If uprights or extensions have bee  | •                           |   |
| W                     | 17. Grease inside lip of uprights to pr   |                             |   |
| W                     | 18. Grease adjusting arm threads, tw  |                             |   |
| W                     | 19. Grease platform slide brackets ar   |                             | or metal fatigue.   |
| W                     | 20. All toe boards are in place and in  | •                           |   |
| W                     | 21. Inspect decking for holes, soft spe   | ots or any other deteriorat | tion.   |
| M                     | 22. Grease front & rear axles, three z  | irks per axle.              |   |
| M                     | 23. Check the wheel alignment for pr  | oper tow.                   |   |
| M                     | 24. Grease wheel bearings and check   | for play. Should be repac   | cked at a minimum-annually.                                 |
| M                     | 25. Inspect reach pipe bolts & square   | washers for wear.           |   |
| M                     | 26. Reach pipe is straight, not bent.   | CHECK BEFORE TOWING C       | ON STREETS & ROADS.   |
| M                     | 27. Check spherical tierod ends for w   | ear.                        |   |
| M                     | 28. Inspect the lift arm pawls & sprin  | gs for wear & tension.      |   |
| M                     | 29. Inspect all bolts for wear. Replac  | e or tighten as needed.     |   |
|                       |   |                             |   |



WARNING!

## MODEL 139 Load Limits

Model 139 has a maximum combined load limit of 750 lbs. /340 K.

#### DO NOT EXCEED

| a 7 degree | e //_ |
|------------|-------|
| negative   |       |
| slope.     |       |
| (approx.   |       |
| 10"/.26m)  | 1     |
|            |       |

in combination with



a 7 degree longitudinal slope.(approx. 19" / .48m) Part #700-003



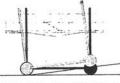
# MODEL 195 Load Limits

Model 195 has a maximum combined load limit of 1000 lbs. /454 K.

#### DO NOT EXCEED



#### in combination with



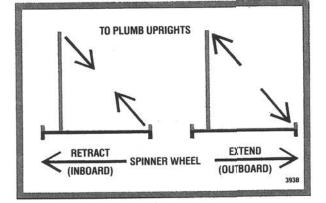
a 7 degree longitudinal slope.(approx. 19" / .48m) Part #700-004



WINCH MAINTAIN FIRM GRIP ON HANDLE. BE SURE PAWL IS ENGAGED IN NOTCH SYSTEM BEFORE RELEASING HANDLE. 333A







# CAUTION

FAILURE TO KEEP TOGGLE FREE & NONBINDING COULD RESULT IN THE DISLODGING OF THE LADDER EXTENSION DURING NORMAL USE, CAUSING SERIOUS INJURY. 590



1

#### **TROUBLE SHOOTING**

If you have trouble raising and/or lowering the platform(s), check the following items:

- 1. Grease the inside lips of the front & rear uprights and upright extensions.
- 2. Grease the slide mechanism of the platform.
- 3. Be sure that the uprights are in line. If they are too out of line, the binding of the platform at the lift arm attachment pints will transfer to the uprights and make it very hard to raise and/or lower the platform.
- 4. Is one or both of the uprights bent? Replace if needed.
- 5. Are the cables on the sheaves at the top of the uprights? Is the hair pin cotter in place to prevent cable from slipping off of sheave?
- 6. Are the sheaves out of round or worn out? Replace entire sheave or brass busing insert. Oil brass sheave bushings.
- 7. Is the cable threaded through the space between the upright and the welded on backbone (u-shaped)? It should not be.
- 8. If you have a model 195 (goes to 25'6" deck height), do not thread the cable through the eye located just above the winch.
- 9. Is the winch free turning or is the cable wound over itself?
- 10. Check the welds of the slide mechanism, where it is welded to the platform. Are any of the welds broken? This would cause the platform & slide to bind and work against each other.

#### TOWING

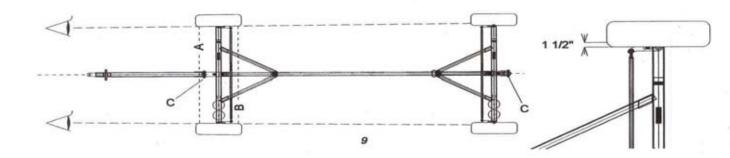
Poor towing can be a combination of several factors, including speed and road conditions. Check each of the following before continuing to the "Guide to Proper Steering Alignment".

- 1. Keep each axle free and non-binding.
- 2. Keep Front & Rear tongue bolts tight (snug).
- 3. A bent reach pipe or tie rod(s) can cause towing problems. Replace.
- 4. Use matched pairs of tires on each axle. Inspect tires for out-of-round or being severely out of balance.
- 5. Inspect rims for being out-of-bound or bent. Make sure the lug nuts have the rims securely on hubs.
- 6. Check for excess play of the wheel bearings.
- 7. Check for excess play of the tie rod ends and hairpin connections.

#### **GUIDE TO PROPER STEERING ALIGNMENT**

- 1. Keep all side play out of tongue by tightening 5/8" bolts at Point C.
- 2. FRONT TIRES: Align Front hairpin and tongue with center reach pipe and set tow in by sight or string as shown in drawing. Viewed from the front, the point of projection on the Rear tire should be 1-1/2" from the inside face. (See Drawing Below). The differential in measurement from the Front Point A to Rear Point B of the Front tires should be ½" to ¾". With the distance at Point A being the smaller of the two.

**REAR TIRES:** The Rear steering tongue must be in the latched position. Viewed from the rear, the Rear tires should align with the front. The differential in the measurement of the front of the Rear tires to the back of the Rear tires should be 0" or no toe in.



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#### **UNCRATING & BASIC ASSEMBLE OF UNIT**

#### UNCRATING

Inspect all crates or packages for damages. Report any damage or breakage to the delivering carrier. Break banding and remove all parts from the deck of main platform. Break the banding securing platform to base skit and remove platform. Remove all remaining parts from skid base.

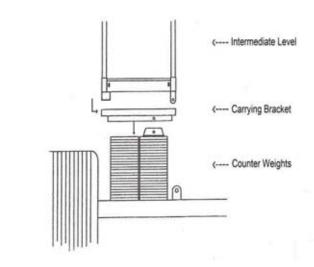
#### **GEAR ASSEMBLY**

Install tires & rims on hubs (brakes are preinstalled).

The axles & corresponding tongues are stamped FRONT & REAR. Couple FRONT & REAR axles assemblies together with 2-1/2'' reach pipe. Using 2  $\frac{1}{2''}x4''$  bolts w/square washers on the top & bottom of reach pipe, secure with  $\frac{1}{2''}$  locknuts. Attach corresponding FRONT & REAR tongues to hairpins using  $\frac{5}{8''}x4-\frac{1}{2''}$  bolts & locknuts.

#### MODEL 139 ONLY—ATTACHMENT OF COUNTER WEIGHTS

COUNTER WEIGHTS: MODEL 139 Bold 2 weights per axle onto gear in pre-drilled holes on right side of axles. Place counterweight w/angle iron on top as shown. IF APPLICABLE: Bolt intermediate level carrying bracket (Part #192-129) to angle iron as shown with 3/8"x2-1/4" bolts. Intermediate level is then pinned to brackets using 3/8" safety pins. Tighten counterweight bolts at this time.



#### Main 2'x20' Platform

Install Instruction Manual tube. Install toe boards. Toe board installation diagram is with toe boards. Five  $\frac{1}{2}x1-3/8$  safety pins are used to secure removable guardrails.

#### **UPRIGHT ASSEMBLY**

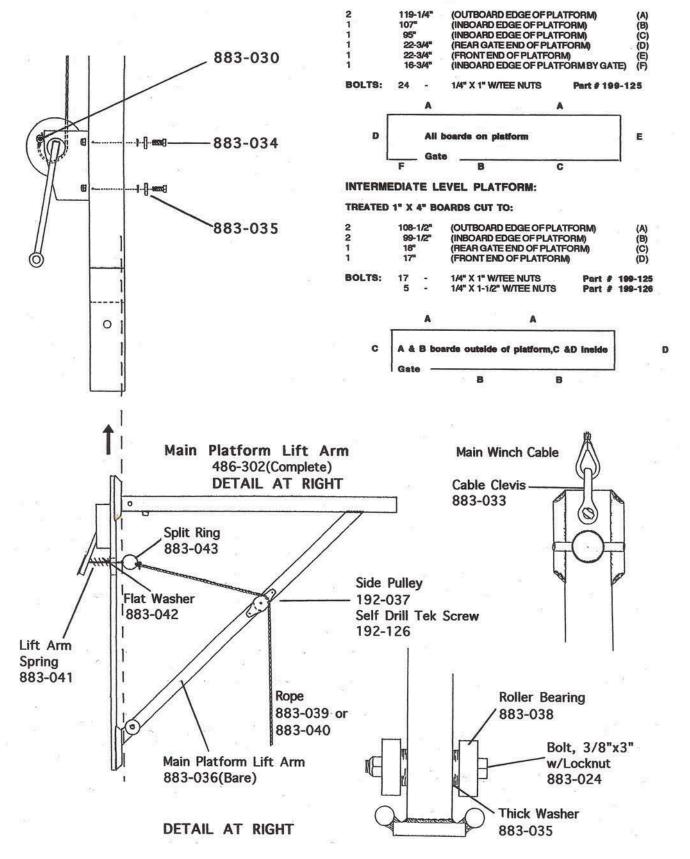
#### Sheaves are preinstalled.

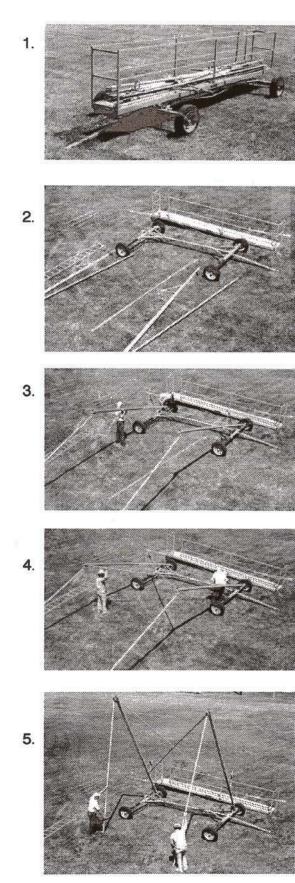
- 1. Mount winch to upright 2-3/8"x1-1/2" bolts, thick washers, lock washers, and locknuts as shown in drawings. (This makes two additional stops for the Intermediate Level).
- 2. Slide lift arm into upright from the lower end that pins to axle. Attach cable to lift arm using cable clevis.
- Thread cable from lift arm up the inside of upright channel, over sheave and back down to winch and secure. DO NOT run cable through channel on backside of upright. DO NOT thread cable through chain link eye located above winch on Model 195. Install hairpin clip in holes above sheave to keep cable on sheave. DO NOT attach 6ft upright extensions at this time.
- 4. Attach adjusting arms to uprights with 5/8"x2-1/2" bolts, locknuts & reducer bushings. Spinner wheel should be located at the winch end of the upright. May be preassembled on Model 139.

#### **TOEBOARD MATERIAL REQUIREMENTS**

#### MAIN PLATFORM:

TREATED 1" X 4" BOARDS CUT TO:





#### SETTING UP YOUR UNIT

Initial setup of Models 139 & 195 are the same, except for the counter weights.

1. Road/trail position of Model 195. Saddle weights transported separately.(#1)(Model 139, already installed)

 Lay out parts as shown(#2). Extend Model 195 axles & tie rods 30"(to hole). Secure with 1/2" cotter less hitch pins & 3/8" safety pins provided. Place 3-80 lb. saddle weights on each extended axle, next to the adjusting arm tabs.

3. REMOVE WINCH HANDLES. Uprights & axles are stamped FRONT & REAR. Attach the bottom of each upright to its corresponding axles, using one 3/4" safety pin per axle.(#3) BE SURE UPRIGHT WITH LADDER BRACKET IS TO REAR GEAR

4. Attach the 3 piece X-brace to the two uprights using four of the 3/8" safety pins. The easiest way to attach the X-brace is to attach the longest section first. ALWAYS ATTACH THE MAIN 3 PIECE X-BRACE TO UPRIGHTS BEFORE STANDING UP THE UPRIGHTS.(#4)

5. Fasten safety chain snap(Model 195 only) on each axle to the eye on the upright. (This is to alert those assembling the unit not to let the upright go past center during the raising of the uprights, x-brace and adjusting arms.) Raise uprights via adjusting arms & connect arms to gear with 3/4" safety pins.(#5) Adjusting arms must be pinned to tabs on the movable axle section(next to wheel). Unsnap safety chain from eye on uprights.

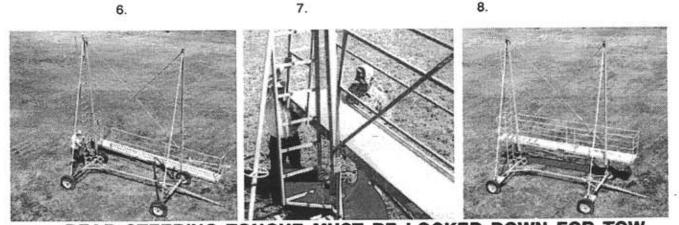
6. Hook main ladder to the top head section of the rear upright and pin to the bracket on the bottom, using one 3/8" safety pin.(#6) Reattach winch handles.

7. NOTE: Platform entryway is to the rear of gear. Using the winch and rope, lower the lift arms to the bottom stop of the uprights. Using the adjusting arms plumb the uprights. (#7) Lift rear end of platform & place on rear lift arm. With platform against upright, have clevis only on lift arm. Lift other end of platform onto front lift arm. Align the open clevis & closed pipe of the slide to the rear lift arm and secure with the 3/8" safety pin provided. Align front the front end of the platform to the front lift arm and secure with the 3/8" safety pin provided.

Due to the weight of the platform, you may wish to use lifting equipment, such as a forklift, to initially place the platform on lift arms.

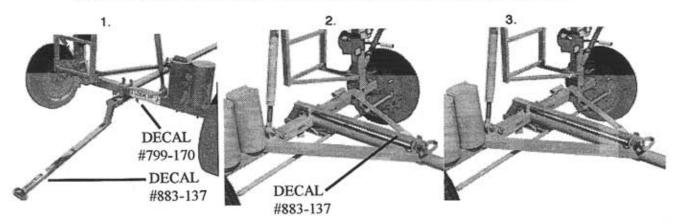
8. Completely assembled. The main platform is ready to be raised & leveled to desired height. REVERSE PROCEDURE TO DISMANTLE UNIT. CAUTION: Care should be taken when lowering adjusting arms & uprights; DO NOT DROP.(#8)

**SPECIAL NOTE:** Store 3/4" safety pins on the extensions, not on top of the uprights. **NEVER** set up the unit with the 6' extensions attached to the uprights. Always attach them **AFTER** the unit has been set up.

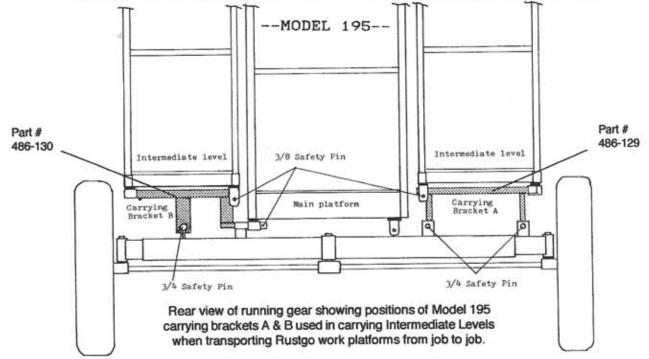


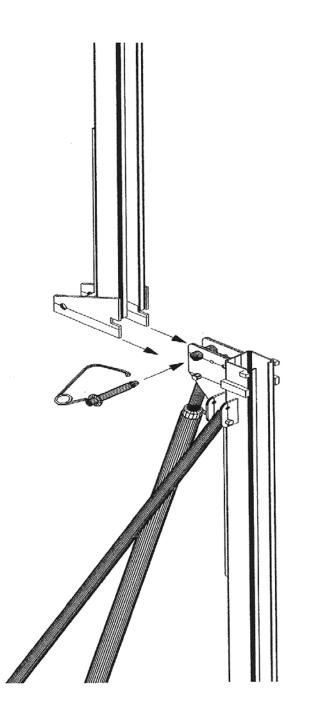
8.











#### 6FT. UPRIGHT EXTENSION ASSEMBLY

- To attach, place extensions, x-brace pipes & ladder Extensions on the platform and raise platform to within a foot of the top uprights. Two 3/8" & two 3/4 " safety pins should be stored on the extensions when not in use. This way the are readily available when installing extensions.
- Climb ladder, step onto platform & close gate. To prevent possible injury from falling objects, the area below the work platform shall be clear of workman while the upright extension assembly is being attached. While standing on platform, remove hairpin cotter from rear upright and pull up enough slack (2-3ft) in the cable to lay cable off the th side of upright.
- 3. Remove the 3/4 " pin from rear extension. With a firm grip, stand up extension, slide into place on top of the upright & secure with 3/4". Pull up enough cable slack to place cable on sheave at the top of the upright extension and insert hairpin cotter at top of extension. Repeat procedure to install the front upright extension. NOTE: Rear extension has ladder bracket.
- 4. Pin one extension x brace, at a time, to the top of each extension using 3/8" safety pins provided. Reach down and "walk" the bottom of an x-brace to the other upright and secure to the top pin holes of the upright head section using a 3/8" safety pn. Repeat with other extension x-brace. These 2-3/8" pins should be stored in these holes when the upright extensions are not being used.
- Install ladder extension on rear upright extension. The tabs at the bottom of the extension ladder should be started into the top end of the main ladder before securing upper ladder rung/safety toggle into ladder bracket on extension.

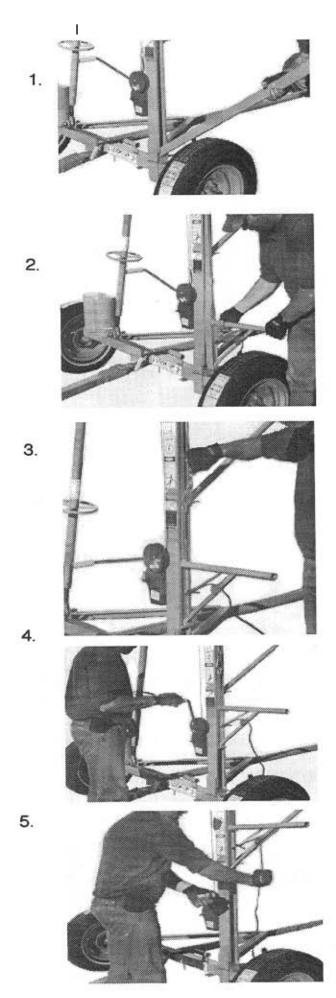
TOGGLE SHOULD BE KEPT FREE AND NONBINDING

#### SPECIAL NOTE:

STORE 3/4" SAFETY PINS FOR EXTENSIONS ON THE EXTENSIONS, NOT ON THE TOP OF THE UPRIGHTS. NEVER SET UP THE UNIT WITH THE 6' EXTENSIONS ATTACHED TO THE UPRIGHTS. ALWAYS ATTACH THEM AFTER THE UNIT HAS BEEN SET UP.

### WINCH NOTICE

The winches provided for use on these units have a friction pad to prevent or lessen spooling of the cables. The winches are still free spooling with respect to supporting the platforms. The notch systems is still the method of support for the platforms



#### INSTALLATION & USE OF NTERMEDIATE LEVELS

1. When using a unit that has intermediate Level Inches, remove the handle of the main winch and place it on the intermediate Level Winch.

2. Insert guide pins (located at the top) of Intermediate Level Lift Arm into the bottom of the upright channel. **(PHOTO 1)** 

3. Raise arm until it comes into position (NOTE: Notches on bottom of lift arm) so the notches on the bottom end of the lift arm will slip into the upright channel lips. (PHOTO 2)

4. Raise lift arm until pawl engages a notch on the upright channel. Unwind I/L winch to provide enough cable slack to attach link snap into loop welded on face of lift arm. Take up cable slack with I/L winch.

#### (PHOTO 3)

5. Place Intermediate Level on lift arms(with gate end near ladder) as you would a main platform. Secure with 2-3/8" safety pins provided. Due to the weight of the platform, you may wish to use lifting equipment, such as a forklift, to initially place the platform on lift arms.

6. To raise, crank clockwise on the I/Level winch. Raising (PHOTO 4) and lowering (PHOTO 5) the Intermediate Level using the I/Level winches is accomplished in the same manner as the main platform. (See RUSTGO GENERAL OPERATING INSTRUCTIONS page for full explanation.)

If you are using two Intermediate Level, the lower one is raised & lowered in the same manner as the upper one. Detach Link Snap from upper I/L lift arm and reattach to lower platform. Repeat procedures for raising and lowering.

In addition to the rope, the Intermediate level lift arms are provided with a cable, sheathed in vinyl tubing, to lower the platform the final few feet, if so desired. To lower, raise platform slightly, grasping the cable and angled brace squeeze cable to disengage pawl from notches and carefully let platform down to desired height. Then release cable to engage pawl in notch or remove from unit.

NOTE: When you lower the Intermediate level down to the bottom 2 stops (winch bolts) of the upright, you are not able to move the main (2'x20') platform because the winch handle will not clear the I/Level platform.

L0 March

#### **RUSTGO GENERAL OPERATING INSTRUCTIONS**

The Rustgo mobile work platform is designed to easily adjust to most terrain encountered on a job site. However, good judgment and common sense must be exercised to use this product in a safe manner. Care must be taken to maintain good stability & adequate clearance of the unit while maneuvering & using the unit on the job site. SEE: PRE-ERECTION JOB SITE INSPECTION & PREPARATIONS before assembling & using unit.

When maneuvering the unit around the job site it is a good practice to lower the platforms as low as possible and to slightly adjust the platform away from the building or work area using the spinner wheels on the two adjusting arms. This is done to help avoid potential electrical contact, and/or damage to the building or work area. When in doubt, always remove extensions to avoid potential electrical contact.

Using front & rear steering, roll the work platform up to and along side of the building or work to be done. NOTE: You'll find it easier steering into place if each person concentrates on positioning their own and instead of watching where the other end is going. THIS DOES NOT MEAN IGNORING POTENTIOAL HAZARDS THE OTHER END MAY BE APPROACHING. After moving into desired position, LOCK ALL FOUR WHEEL BRAKES. Plumb the uprights using the spinner wheels on the adjusting arms.

#### TO RAISE PLATFORM:

Raise and level the main 2'x20' platform to the desired height using the winches provided on the uprights. Keep a firm grip on the winch handle, these are free spooling to allow positive engagement of the pawl into the upright notches. As you raise the platform you will notice a clicking sound, this is the pawl slipping over the notches. To insure that the pawl is engaged in a notch after reaching the desired height, it is a good practice to raise the platform slightly, about 1-2 inches, and back off the winch. You will be able to feel the contact of the pawl and notch. The cable should now be slack.

#### TO LOWER PLATFORM:

Raise platform by ¼ turn of winch. Pull down on rope and hold. Lower platform using winches, keeping a steady downward pull on the ropes and a firm grip on the winch handles. When platform is lowered to desired height, release rope and winch down until you feel and hear the pawl engage one of the notches in the upright. To insure that the pawl is engaged in a notch after reaching the desired height, it is a good practice to raise the platform slightly, about 1-2 inches and back off the winch. You will be able to feel the contact of the pawl and notch. The cable should now be slack.

NOTE: When moving a unit over rough, uneven or sloping ground other factors come into play. This is a judgment call that can only be made in the field. To reduce sway and increase stability you may want to:

- Lower the platform(s) as far as possible, thereby lowering the center of gravity. You may also want to lower the platform(s) to avoid potential overhead hazards. If overhead electrical power lines are present you must lower the platform(s) as far as possible to provide adequate clearance. If necessary you may need to remove Intermediate Levels and/or 6ft. Upright Extensions. This unit is NOT insulated. It shall not be used near electrically energized circuits or power lines without adequate safety measures being taken. Refer to MINIMUM SAFE APPROACH DISTANCE (M.S.D.A.) GUIDELINES. Contact your local, state, federal safety agencies and/or your local electrical utility for more information concerning the safe distances, safety measures and voltage of power lines on or near the job site.
- 2. Plumb the uprights using the adjusting arms if they start getting excessively out of plumb while moving the unit.
- 3. All counterweights must be on the unit, use all parking brakes and the work platforms shall not be raised, lowered, or moved with workmen on platform(s).
- 4. Read & understand warning decals on unit. Follow the rules from the "General Code of Safe Practices of Operation of Manually Propelled Work Platforms".
- 5. After disassembly for tow, secure various parts on the platform(s) using provided tarp straps (Part# 486-128) or ratchet straps (Part# 486-129\_.

# TRANSPORTING YOUR WORK PLATFORM

#### **MODEL 195** TRAIL POSITION Shown above is an example of a Model 195 in trial position for highway tow. The example consists of a Model 195 with optional wide tires, 2" ball hitch, and 2 Intermediate Levels. Saddle weights are not to be lift on unit when towing and should not be transported separately.

**MODEL 139** IN TRAIL POSITION Shown above is an example of a Model 139.

in trail position for highway tow. The example consists of a Model 139 with optional wide tires, 2" ball hitch, 1 Intermediate Level, and a Light Bar. To tow, in trail position, adjusting arm threads Must be screwed completely in to give a clearance of approximately 13ft. 5in.

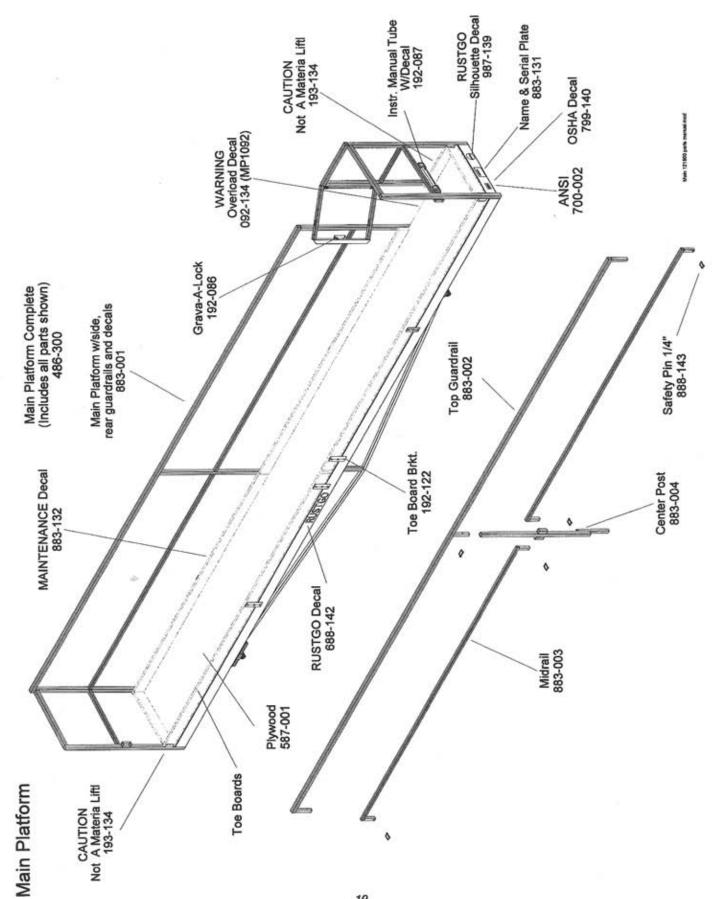
When readying for tow behind a vehicle, be sure REAR STEERING TONGUE IS LOCKED DOWN IN PLACE

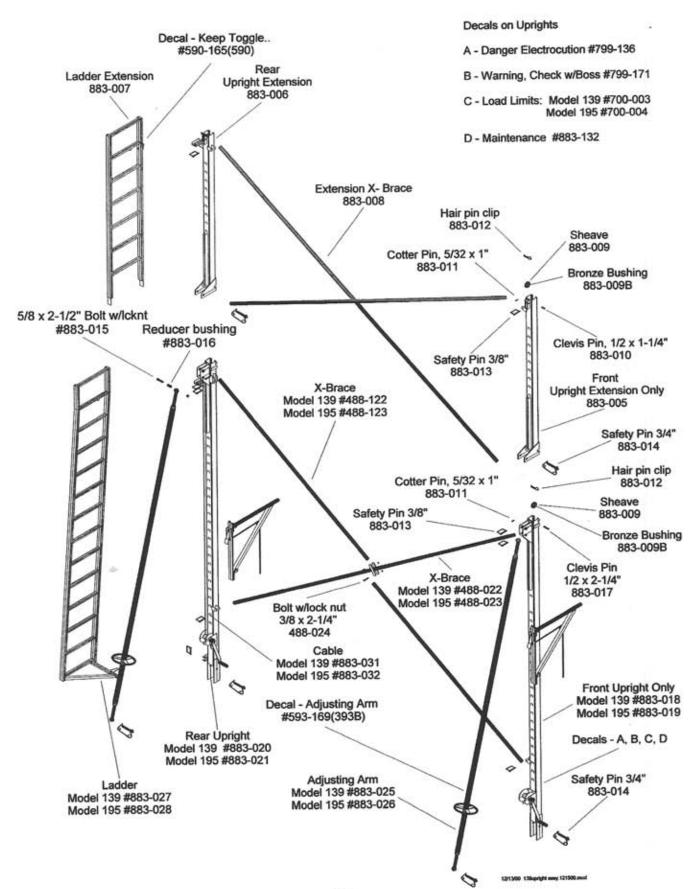
#### ADDITIONAL WINCH OPERATING INSTRUCTIONS

WHEN LOWERING THE PLATFORM(S) ONLY 1 PERSON SHOULD BE OPERATING THE WINCH AND RELEASE ROPE FOR EACH WINCH. THE OPERATOR SHOULD **NOT** BE UNDER THE PLATFORM. THE OPERATOR SHOULD FIRMLY GRAB THE WINCH IN ONE HAND AND THE ROPE IN THE OTHER. IF YOU LOSE YOUR GRIP ON THE WINCH, RELASE THE ROP.

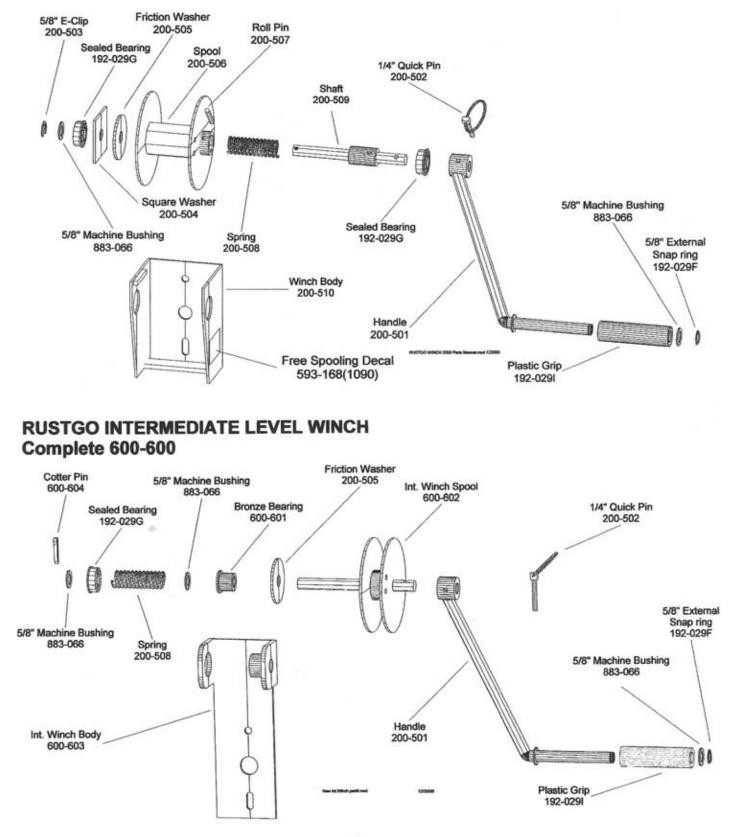
DO NOT ALLOW ANYONE EXCEPT THE WINCH OPERATOR TO HOLD THE ROPE.

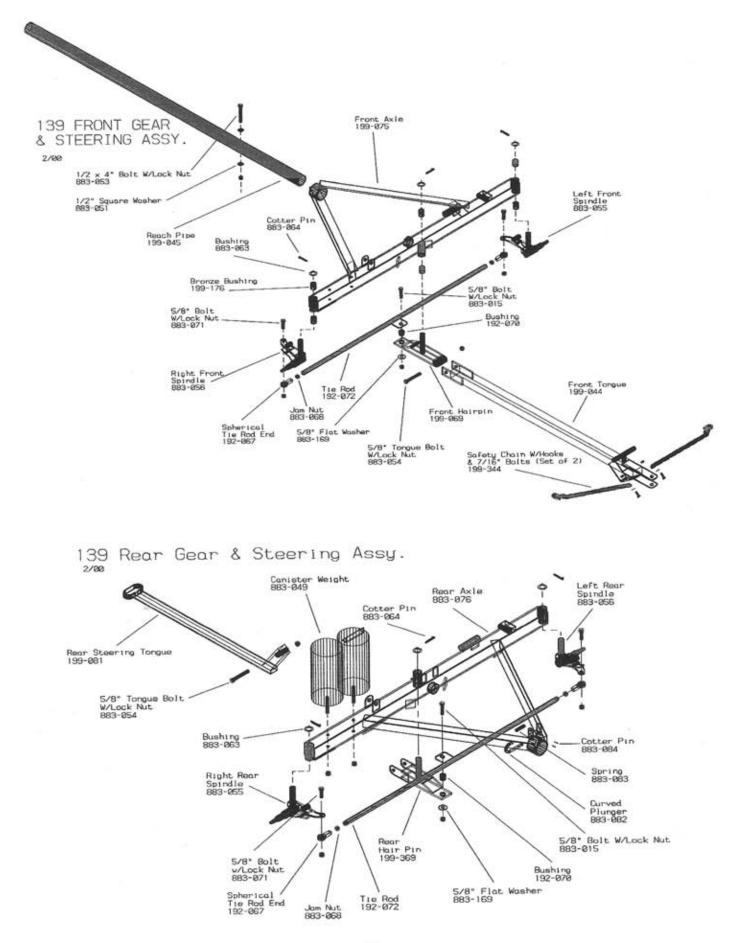
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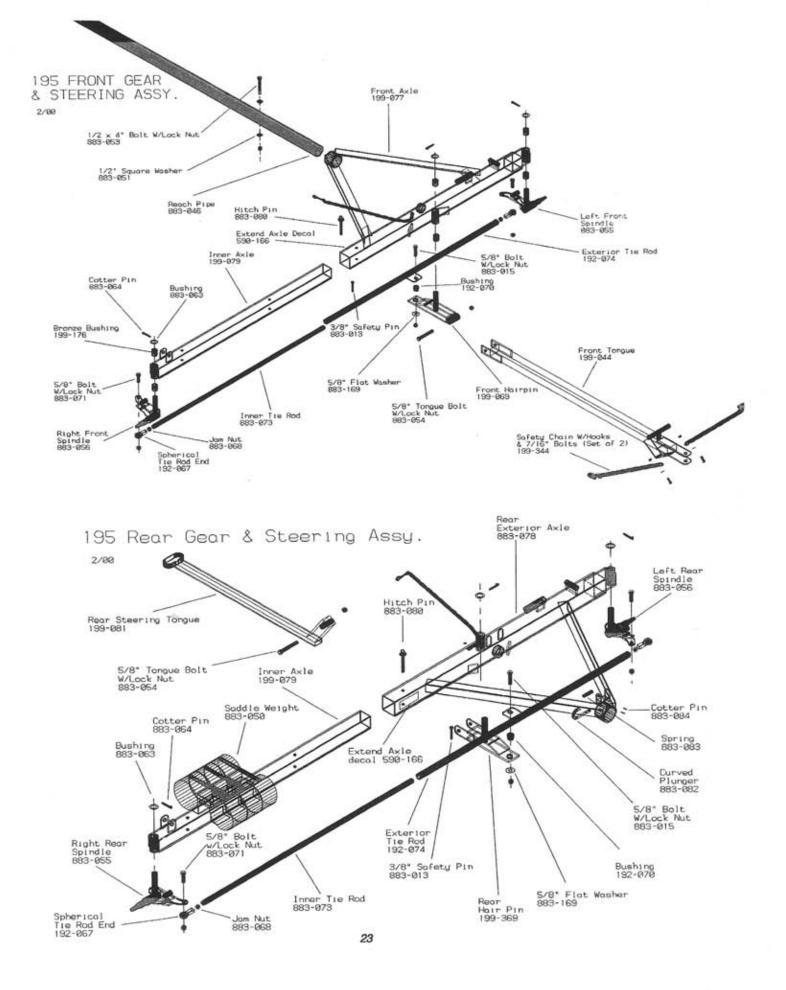


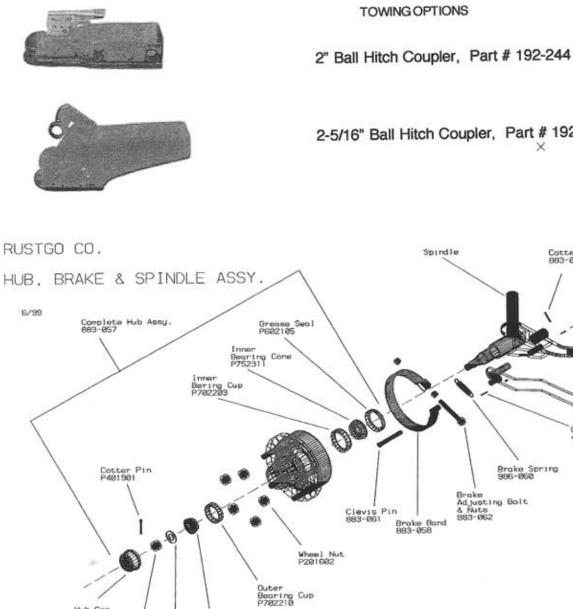


#### RUSTGO Winch Complete 200-500

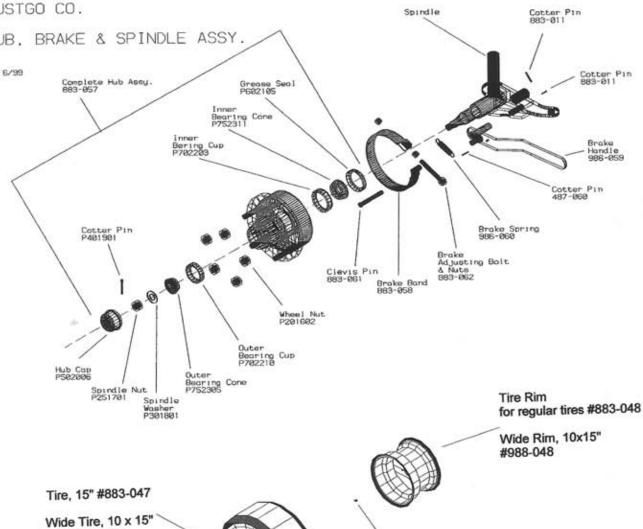








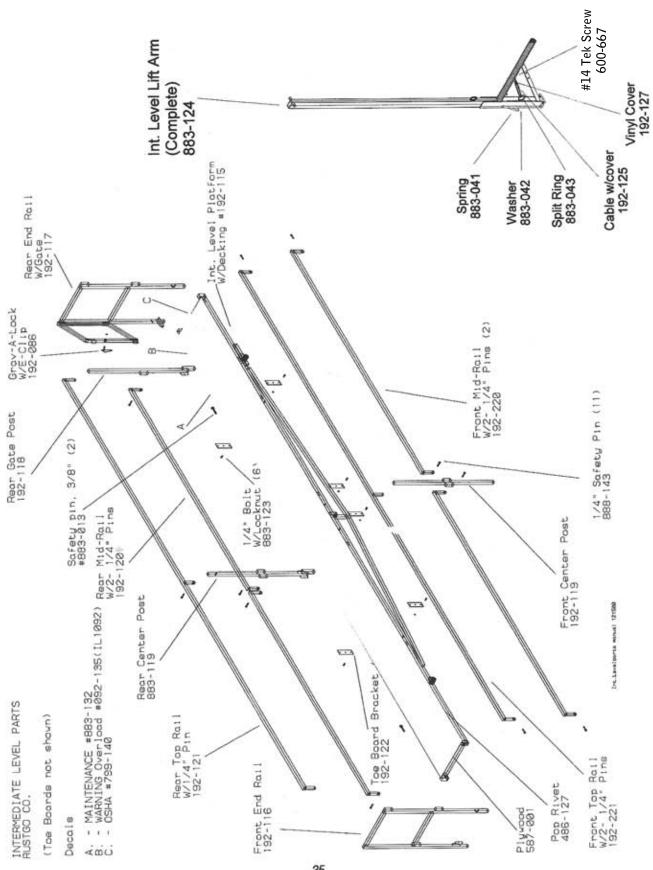
2-5/16" Ball Hitch Coupler, Part # 192-245 ×

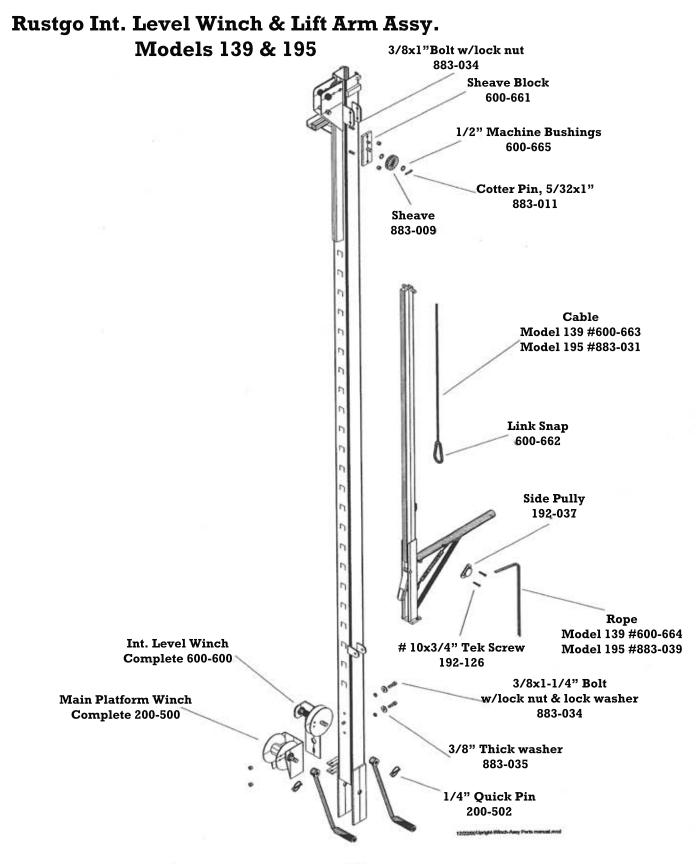


#988-047

Rubber Valve Stem for regular rims #192-088 Steel Valve Stem

for wide rims #192-089





| Part #   | Description   | M139 | M195 | Net Wt (lbs) |
|----------|---|------|------|--------------|
| 195-029F | Winch 5/8" external snap ring, per winch                              | 2    | 2    |              |
| 192-029G | Winch Bearing, per winch  | 2    | 2    |              |
| 192-0291 | Winch Plastic Handle Grip, per winch                                  | 1    | 1    |              |
| 192-037  | 1-1/2" Side pulley  | 2    | 2    | 0.2          |
| 192-067  | Spherical Tie Rod End   | 4    | 4    | 0.5          |
| 192-070  | 5/8"IDx1" Ht. HAIR PIN MACHINED BUSHING                               | 2    | 2    | 0.3          |
| 192-072  | Tie rod (Lenth 61-1/4"), MODEL 139                                    | 2    |      | 6.3          |
| 192-074  | Exterior tie rod, MODEL 195   |      | 2    | 7.5          |
| 192-086  | ENTRY GATE GRAV-A-LOCK W/E-CLIP                                       |      |      |              |
| 192-087  | MP Instruction Manual Tube w/Decal &hose clamps                       | 1    | 1    | 4            |
| 192-088  | Rubber Valve stem for standard 5x15 tire rim                          | 4    | 4    | 0.1          |
| 192-089  | Steel Valve Stern for 10x15 wide tire rim                             |      |      | 0.2          |
| 192-122  | Toe Board Bracket, 2x6  | 6    | 6    | 0.4          |
| 195-124  | BOLT for Toe Board Bracket: 1/4"x3/4" Hex Hd. Bold w/locknut          | 6    | 6    |              |
| 199-125  | BOLT for Toe Board: 1/4"x1" Rnd. Hd. Bolt w/lockwasher & tee nut      | 24   | 24   |              |
| 192-126  | #10x3/4" self drilling tek screw (for attaching side pulley #192-037) | 4    | 4    |              |
| 192-244  | 2" BALL Hitch Coupler for FRONT TONGUE, Add-on                        |      |      | 4            |
| 192-245  | 2-5/16" Ball Hitch Coupler for FRONT TONGUE, Add-on                   |      |      | 9            |
| 199-044  | Front tongue w/skid plate only  | 1    | 1    | 27           |
| 199-045  | Reach pipe, 2-1/2"ID Tube, 152-3/4", M 139                            | 1    |      | 72           |
| 199-069  | Hair pin, Hole ID 1-1/8", FRONT AXLE                                  | 1    | 1    | 11           |
| 199-075  | Front axle, MODEL 139   | 1    | _    | 60           |
| 199-077  | Front Aexterior axle MODEL 195  | _    | 1    | 63           |
| 199-079  | Inner axle MODEL 195  |      | 2    | 34           |
| 199-081  | REAR steering tongue  | 1    | 1    | 11           |
| 199-176  | FRONT axle Bronze Bush, 1.3150Dx1.128ID                               | 6    | 6    |              |
| 199-344  | Safety Chain w/hook & 7/16x2" bold per pec. (set of 2)                | 1    | 1    | 3            |
| 199-369  | Hair pin, REAR AXLE   | 1    | 1    | 10           |
| 200-500  | Main platform winch, complete   | 2    | 2    | 8            |
| 200-501  | Winch handle, per winch   | 1    | 1    | -            |
| 200-502  | 1/4" Quick pin, per winch   | 1    | 1    |              |
| 200-503  | 5/8" E-Clip, per winch  | - 1  | 1    |              |
| 200-504  | Square winch washer, per winch  | 1    | 1    |              |
| 200-505  | Friction washer, per winch  | - 1  | 1    |              |
| 200-506  | Spool body, per winch   | 1    | 1    |              |
| 200-507  | Roll pin, 7/32"x1-3/8", per winch                                     | - 1  | 1    |              |
| 200-509  | Winch spring, per winch   | 1    | 1    |              |
| 200-509  | Winch shaft, per winch  | -    | 1    |              |
| 200-510  | Winch body, per winch   | - 1  | 1    |              |
| 486-127  | Large flange pop, secures plywood decking                             | 42   | 42   |              |
| 486-128  | Tarp strap, MODEL 139   | 2    |      |              |
| 486-129  | Ratchet Strap, MODEL 195  | -    | 2    | 1.5          |
| 487-060  | 1/8"x3/4" Cotter pin for brake spring                                 | 4    | 4    | 1.0          |
| 488-022  | X-brace, 187", M139   | 1    | •    |              |
| 488-023  | X-brace, 218-1/4", M195   | -    | 1    |              |
| 488-024  | Bolt, 3/8"x2-1/4", w/locknut  | 2    | 2    | 0.1          |
| 488-122  | X-brace, 92.63", M139   | 2    | 2    | 10           |
| 488-123  | X-brace, 107.86, M195   | 2    | 2    | 10           |
| 100 120  |   |      | 2    | ±4           |

| Part #   | Description  | M139 | M195 | Net Wt (lbs) |
|----------|--|------|------|--------------|
| 587-003  | 1/8" pop rivet (NOT SHOWN, attaches part #883-131)     | 4    | 4    |              |
| 600-600  | Intermediate Level Winch                               |      |      | 7            |
| 600-601  | Flanged bronze bearing, I/L winch                      |      |      |              |
| 600-602  | I/L winch spool  |      |      |              |
| 600-603  | I/L winch body   |      |      |              |
| 600-604  | 3/16"x1" Cotter pin, I/L winch                         |      |      |              |
| 600-661  | Sheave block   |      |      |              |
| 600-662  | Link Snap  |      |      |              |
| 600-663  | Intermediate Level Cable, 23', for use with M139       |      |      | 1            |
| 600-664  | Intermediate Level Rope, 10', for use with M139        |      |      | 0.5          |
| 600-665  | 1/2" Machine bushing                                   |      |      |              |
| 883-001  | MP 2'x20' Platform w/side, rear guardrails & decals    | 1    | 1    | 280          |
| 883-002  | MP Removable top guardrail, 20'2", w/1-1/4" safety pin | 1    | 1    | 26.3         |
| 883-003  | MP Remov. Mid rail, 119", w/2-1/4" safety pins         | 2    | 2    | 10.5         |
| 883-004  | MP Remov. Center post                                  | 1    | 1    | 6            |
| 883-005  | Front upright extension ONLY, W/O Sheave & clevis pin  | 1    | 1    | 37           |
| 883-006  | Rear upright extension ONLY, W/O Sheave & clevis pin   | 1    | 1    | 39           |
| 883-007  | Ladder extension                                       | 1    | 1    | 23           |
| 883-008  | Extension X-brace, 168", per piece                     | 2    | 2    | 19           |
| 883-009  | Sheave (w/bronze bushing insert), 1/2"x2-1/2"          | 4    | 4    | 0.5          |
| 883-009B | Bronze replacement bushing for sheave #883-009         |      |      | 0.1          |
| 883-010  | Clevis pin, 1/2"x1-1/4" (for upright extensions)       | 2    | 2    | 0.1          |
| 883-011  | Cotter pin, 5/32"x1"                                   | 12   | 12   |              |
| 883-012  | Hair pin clip  | 2    | 2    | 0.1          |
| 883-013  | Safety pin, 3/8"                                       | 11   | 13   | 0.2          |
| 883-014  | Safety pin, 3/4"                                       | 6    | 6    | 0.8          |
| 883-015  | 5/8"x2-1/2" Bolt w/lcknt (adjusting arms & hairpins)   | 4    | 4    | 0.4          |
| 883-016  | Reducer bushing (used with adjusting arms)             | 2    | 2    | 0.1          |
| 883-017  | Clevis pin, 1/2"x1-1/4" (for main upright)             | 2    | 2    | 0.2          |
| 883-018  | Front upright, 12' ONLY, W/O Sheave & Clevis pin       | 1    |      | 67           |
| 883-019  | Front upright, 18' ONLY, W/O Sheave & Clevis pin       |      | 1    | 98           |
| 883-020  | Rear upright, 12' ONLY, W/O Sheave & Clevis pin        | 1    |      | 69           |
| 883-021  | Rear upright, 18' ONLY, W/O Sheave & Clevis pin        |      | 1    | 99           |
| 883-024  | 3/8"x3" Bolt w/locknut                                 | 2    | 2    | 0.2          |
| 883-025  | Adjusting arm, 128", M139                              | 2    |      | 31           |
| 883-026  | Adjusting arm, 208", M195                              |      | 2    | 50           |
| 883-027  | Ladder, 145", 14 rungs, M139                           | 1    |      | 42           |
| 883-028  | Ladder, 221", 21 rungs, M195                           |      | 1    | 60           |
| 883-030  | 1/4"x3/4" Carriage Bolt w/bent & flat wash & locknut   | 2    | 2    |              |
| 883-031  | Cable, 1/8"x35', M139                                  | 2    |      | 1            |
| 883-032  | Cable, 1/8"x47', M195                                  |      | 2    | 1.4          |
| 883-033  | Cable clevis   | 2    | 2    | 0.2          |
| 883-034  | 3/8"x1-1/2" Bold w/lock luster & lock nut              | 4    | 4    | 0.1          |
| 883-035  | 3/8" Thick washer                                      | 8    | 8    | 0.1          |
| 883-036  | Lift arm (only, imcomplete) for Main Platform          | 2    | 2    | 14.4         |
| 883-038  | 3/8"x1-1/2" Roller bearing                             | 4    | 4    | 0.2          |
| 883-039  | 1/4' Poly rope, 16', M139                              | 2    |      | 0.2          |
|          |  |      |      |              |

| Part #  | Description   | M139   | M195 | Net Wt (lbs) |
|---------|---|--------|------|--------------|
| 883-040 | 1/4" Poly rope, 22', M195                           |        | 2    | 0.3          |
| 883-041 | 1-3/4" Lift arm spring                              | 2<br>2 | 2    |              |
| 883-042 | 5/16" Flat washer                                   |        | 2    |              |
| 883-043 | Split ring  | 2      | 2    |              |
| 883-046 | Reach pipe, 2-1/2" ID Tube, 152-1/4", M195          |        | 1    | 72           |
| 883-047 | Tire, 5"x15" W/O valve stem                         | 4      | 4    | 18           |
| 883-048 | Tire rim, 5 bolt, 5"x15" W/O valve stem             | 4      | 4    | 18           |
| 883-049 | Canister weight, 120lbs., M139                      | 4      |      | 120          |
| 883-050 | Saddle weight, 80lbs., M195                         |        | 6    | 80           |
| 883-051 | 1/2" Square washer (reach)                          | 4      | 4    | 0.1          |
| 883-053 | 1/2"x4" Bolt w/lock nut (reach)                     | 2      | 2    | 0.3          |
| 883-054 | 5/8"x4-1/2" Bolt w/lock nut (tongue bolt)           | 2      | 2    | 0.5          |
| 883-055 | Left front/Right rear spindle w/o hub               | 2      | 2    | 7.2          |
| 883-056 | Right front/Left rear spindle w/o hub               | 2      | 2    | 7.2          |
| 883-057 | Hub w/brakd drum, incl. cups, cones & seal          | 4      | 4    | 11.1         |
| 883-058 | Brake band  | 4      | 4    | 0.7          |
| 883-061 | 3/8"x3" Clevis pin                                  | 4      | 4    | 0.2          |
| 883-062 | Brake adjusting bolt w/2 nuts                       | 4      | 4    | 0.2          |
| 883-063 | 1-1/8" Bushing, 1 ea. Per spindle & hairpin         | 6      | 6    |              |
| 883-064 | 1/4"x2" Cotter pin                                  | 6      | 6    |              |
| 883-066 | 5/8" Machine bushing, 18 ga                         |        |      |              |
| 883-068 | 5/8" Jam nut  | 4      | 4    | 0.1          |
| 883-071 | 5/8"x2" Bolt w/lock nut (for spherical tierod ends) | 4      | 4    | 0.3          |
| 883-073 | Inner tie rod, MODEL 195                            |        | 2    | 5.3          |
| 883-076 | Rear axe, MODEL 139                                 | 1      |      | 61           |
| 883-078 | Rear Exterior axle, MODEL 195                       |        | 1    | 64           |
| 883-080 | 1/2"x4" Cotterless hitch pin, M195                  |        | 2    | 0.3          |
| 883-082 | Curved plunger                                      | 1      | 1    | 0.3          |
| 883-083 | 2-1/4" Spring                                       | 1      | 1    |              |
| 883-084 | 1/8"x1" Cotter pin                                  | 2      | 2    |              |
| 883-163 | Flat Washer, 5/8"                                   | 2      | 2    |              |
| 888-143 | Safety pin, 1/4"x1-3/8"                             | 5      | 5    | 0.1          |
| 986-059 | Brake handle w/o spring                             | 4      | 4    | 1.5          |
| 986-060 | Extension spring for brake handle                   | 4      | 4    | 0.1          |
| 988-047 | WIDE TIRE, 10x15", P275/60SR15                      |        |      | 32           |
| 988-048 | WIDE RIM, 5bolt, 10x15" W/O valve stem              |        |      | 34           |
| 587-001 | Replacement plywood, priced per square foot         | 40     | 40   |              |
| 587-002 | YELLOW paint, 1 gal. (Not Shown)                    |        |      |              |
| 888-144 | YELLOW paint, 12.8oz spray can (Not Shown)          |        |      |              |

| Part #          | Description   | M139 | M195 | Net Wt (lbs) |
|-----------------|---|------|------|--------------|
| DECALS, INSTRUC | TION MANUAL & VHS VIDEO FOR MAIN UNITS                      |      |      |              |
| 092-134         | WARNIN OVERLOAD decal (Main plat., 2"x9-1/4", MP1092        | 1    | 1    |              |
| 193-134         | CAUTION-This Is Not a Material Lift decal #0194             | 2    | 2    |              |
| 590-165         | CAUTION! LADDER EXTENSION decal 1-1/2x6                     | 1    | 1    |              |
| 590-166         | EXTEND AXLE decal, 1-1/2x6, Green #1090                     |      | 2    |              |
| 593-168         | WINCH decal #393A, 2-1/4"x2"                                | 2    | 2    |              |
| 593-169         | ADJUSTING ARM decal #393B, 6"x4-1/4"                        | 2    | 2    |              |
| 688-142         | RUSTGO Co-NKI decal, 3"x15-1/2"                             | 2    | 2    |              |
| 700-001         | INSTRUCTION MANUAL decal                                    | 1    | 1    |              |
| 700-002         | ANSI Standard A92.3 decal                                   | 1    | 1    |              |
| 700-003         | WARNING! M139 LOAD LIMITS decal                             | 2    | 2    |              |
| 700-004         | WARNING! M195 LOAD LIMITS decal                             | 2    | 2    |              |
| 799-136         | DANGER, ELECTROCUTION decal #799-136                        | 3    | 3    |              |
| 799-140         | OSHA decal #799-140   | 1    | 1    |              |
| 799-170         | LOOK UP-Electrocution Hazard decal                          | 2    | 2    |              |
| 799-171         | WARNING-Check With Your Boss decal                          | 2    | 2    |              |
| 883-131         | NAMEPLATE w/Model & Serial No., 2-3/4"x4-1/4"               | 1    | 1    |              |
| 883-132         | MAINTENANCE decal, 1-1/2"x4-3/4"                            | 3    | 3    |              |
| 883-137         | DANGER, TOWING HAZARD decal, 1-3/4"x5-1/4"                  | 3    | 3    |              |
| 987-139         | RUSTGO/SILHOUETTE decal, 2-7/8" diameter                    | 1    | 1    |              |
|                 |   |      |      |              |
| 193-003         | INSTRUCTION MANUAL (not shown)                              | 1    | 1    |              |
| 488-004         | Rentla User Operating Instructions (not shown)              |      |      |              |
| 700-005         | VHS Assembly, Operations & Safety Video (not shown)         | 1    | 1    |              |
| 700-006         | Manual of Responsibilities for Dealers, Owners, Users, etc. | 1    | 1    |              |
|                 | of ANSI/SIA A92.3-1990                                      |      |      |              |
|                 |   |      |      |              |
|                 | HUB & SPINDLE PARTS LIST                                    |      |      |              |
| P702203         | Inner Bearing Cup   |      |      |              |
| P702210         | Outer Bearing Cup   |      |      |              |
| P752311         | Inner Bearing Cone  |      |      |              |
| P752305         | Outer Bearing Cone  |      |      |              |
| P201602         | Wheel Nut, 1/2"-20x90 degree                                |      |      |              |
| P602105         | Grease Seal   |      |      |              |
| P502006         | Hub Cap   |      |      |              |
| P301801         | Spindle Washer, 1-5/16"ODx21/32"ID                          |      |      |              |
| P251701         | Spindle Nut, 5/8"-18  |      |      |              |
| P401901         | Cotter Pin  |      |      |              |
| 1 101501        |   |      |      |              |
|                 | SECURITY CABLES (SC) (Not Shown)                            |      |      |              |
| 489-160         | 1/4" Cable with closed end loops                            | 2    |      |              |
| 489-161         | Master padlock, keyed alike                                 | 4    |      |              |
| 489-162         | 1/4" Cable clamp  | 2    |      |              |
| 103 102         |   | ۷    |      |              |
| 900-LB          | LIGHT BAR for towings, complete (not shown)                 |      |      | 12           |
|                 |   |      |      |              |

| Part #  | Description  | I/L | Net Wt (lbs) |
|---------|--|-----|--------------|
| 102 115 | INTERMEDIATE LEVEL PARTS & DECALS  |     | 145          |
| 192-115 | 18"X18' INTERMEDIATE LEVEL PLATFORM w/decking, decals  |     | 145          |
| 102 116 | toeboard brackets. NO Toeboards, Guard, or End rails included  | 1   | 10 5         |
| 192-116 | Intermediate Level Front Endrail   | 1   | 10.5         |
| 192-117 | Int./Level Rear End Rail w/Gate  | 1   | 17.2         |
| 192-118 | Int./Level Rear Gate post  | 1   | 4            |
| 192-119 | Int./Level Front Center Post, 42-1/2"  | 1   | 3.8          |
| 192-120 | Int./Level Rear Mid-Rail w/2-1/4" pins, 98"  | 2   | 8.3          |
| 192-121 | Int./ Level Rear Top Rail w/1-1/4" pin, 199"   | 1   | 16.5         |
| 199-125 | BOLT for Toe Board: 1/4"x1" Rnd. Hd. Bolt w/lockwasher & Tee nut   |     |              |
| 192-122 | Toe Board Bracket, 2x6   | 6   | 0.04         |
| 199-126 | BOLT for toeboard: 1/4"x1-1/2" Hex Hd. Bold w/lckwshr & Tee nut  |     |              |
| 192-125 | Cable Release Handle w/Vinyl Cover   |     |              |
| 192-127 | Vinyl Cover for part #883-125  | 2   |              |
| 192-128 | I/L Carrying Bracket B for M139 (2 req'd)  | 2   | 5.8          |
| 192-129 | I/L Carrying Bracket A for M139 (on canisters, 2 req'd)  | 2   | 2.2          |
| 192-220 | Int./Level Front Mid-Rail w/2-1/4" pins, 108-1/2"  | 2   | 9.3          |
| 192-221 | Int./Level Front Top Rail w/2-1/4" pins, 218-1/4"  | 1   | 18           |
| 486-127 | Large flange pop rivet   | 42  |              |
| 486-129 | I/L Carrying Bracket A for M195 (2 req'd)  | 2   | 3.3          |
| 486-130 | I/L Carrying Bracket B for M195 (2 req'd)  | 2   | 5.8          |
| 600-667 | #14x3/4" Lift arm spring   | 2   |              |
| 883-013 | Safety pin, 3/8"   | 2   | 0.2          |
| 883-041 | 1-3/4" Lift arm spring   | 2   |              |
| 883-042 | 5/16" Flat washer  | 2   |              |
| 883-043 | Split ring   | 2   |              |
| 883-119 | Int./Level Rear Center post, 44"   | 1   | 4.3          |
| 883-123 | BOLT for ToeBrdBracket: 1/4"x1-1/2" Hex Hd. Bolt w/lock nut  | 11  |              |
| 883-124 | Intermediate Level Lift Arm (complete)   | 2   | 16           |
| 888-143 | Safety pin, 1/4"x1-3/8"  | 11  | 0.01         |
| 587-001 | Replacement plywood (treated), priced per square foot.   | 27  |              |
| 883-132 | MAINTENANCE decal, 1-1/2"x4-3/4"   | 1   |              |
| 092-135 | WARNING Overload decal(I/L), 1-1/2"x7", IL 1092  | - 1 |              |
| 799-140 | OSHA decal #799-140  | - 1 |              |
| 755 140 |  | Ŧ   |              |
|         | OTHER COMPLETED ASSEMBLIES   |     |              |
| 486-300 | Main (2'x20') Platform complete. Decals, plywood, pins, and all guardrails. EXCLUDING TOEBOARDS.                                 |     | 333          |
| 486-301 | Set of 6' Extensions, complete<br>Part #'s: 883-005, -006, -007, -008, -009, -010, -011, -012, -013, -014                        |     | 140          |
| 486-302 | Main Platform Liftarm Complete<br>Part #'s: 883-024, -035, -036, -037, -038, -041, -042, -043, 192-126<br>Does NOT include rope. |     | 15.3         |

 RW Kit
 Int. Level Winch Retro-fit Kit consisting of part #'s: 600-600, 600-601

 600-663, 663(or 883-031), -664(or 883-039), -665, 883-009, -034

 883-011, -034, -035, 192-037 & 192-126

 Designate for M139 or M195

#### OTHER NON-STOCK ITEMS NOT ILLUSTRATED

- 900-LHAR LEFT HAND Acme rod w/nut & swivel (TOP)
- 900-RHAR RIGHT HAND Acme rod w/nut & swivel (BOTTOM)
- 900-WB195 Weight Bracket for 195 Counterweights
- 192-085 Main (2'x20') platform entry gate Retro Fit

#### NON-STOCK ITEMS AVAILABLE FOR CANADIAN SHIPMENTS

- CSA3LE Ladder Extension-3ft. Addition to existing 883-007
- CSA50AW Set of 2 Addit'l. 50lbs. Counterweights wplate for M139, 1 per axle
- CSA-DP Drop pads (4) per unit

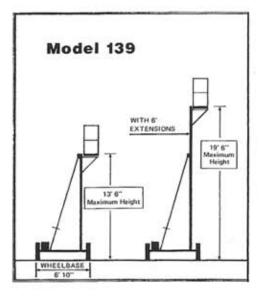
#### SPECIFICATIONS

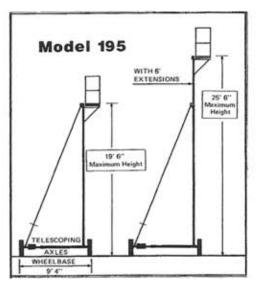
#### MODEL 139

| and the second sec |                 |                            |  |  |  |
|--|-----------------|----------------------------|--|--|--|
| Maximum Overall Height:  |                 | 23' 2" / 7.1m (+or- 2")    |  |  |  |
| Maximum Deck Height:   |                 | 19'6" / 6 m                |  |  |  |
| Minimum Deck Height:   |                 | 4'/1.2 m                   |  |  |  |
| Height Adjust  | ment at:        | 4" / 10 cm intervals       |  |  |  |
| Wheelbase:   |                 | 13'/4 m C to C             |  |  |  |
|  | Width:          | 6'10" / 2.1 m              |  |  |  |
| Add 10" / .3m  | Overall width i | f equipped with Wide Tires |  |  |  |
| <b>Overall Weigh</b>   |                 | 1,860 lbs./ 844K           |  |  |  |
| <b>Overall Lengt</b>   | h:              | 23'/7 m                    |  |  |  |
| Standard 2'x2  | 20'             |                            |  |  |  |
| Platform Workload Rating:  |                 | 750 lbs. / 340 K           |  |  |  |
| Guard rail Height  |                 | 42" / 1.07m                |  |  |  |
|  |                 |                            |  |  |  |



| Maximum Overall Height:   |                  | 29' 3" / 8.9 m (+or- 2")   |  |  |
|---------------------------|------------------|----------------------------|--|--|
| Maximum Deck Height:      |                  | 25' 6" / 7.8 m             |  |  |
| Minimum Deck Height:      |                  | 4'/1.2 m                   |  |  |
| Height Adjust             | ment at:         | 4" / 10 cm intervals       |  |  |
| Wheelbase:                |                  | 13'/4 m C to C             |  |  |
|                           | Width:           | 6'10" / 2.1 m              |  |  |
| Axle Extende              | d Width:         | 9'4"/2.9 m                 |  |  |
| Add 10" / .3m             | Overall width it | f equipped with Wide Tires |  |  |
| <b>Overall Weigh</b>      |                  | 2,090 lbs./ 948K           |  |  |
| <b>Overall Lengt</b>      |                  | 23'/7 m                    |  |  |
| Standard 2'x2             | 0'               |                            |  |  |
| Platform Workload Rating: |                  | 750 lbs. / 340 K           |  |  |
| Guard rail Height         |                  | 42" / 1.07m                |  |  |





OPTIONAL INTERMEDIATE LEVEL PLATFORM: 18" X 18' I/Level Workload Rating: 500 lbs./ 227K Weight: 330 lbs./ 150K

#### FOR YOUR RECORDS:

| MODEL NUMBER:_   |            | SERIAL NU | MBER:        |        |                |
|------------------|------------|-----------|--------------|--------|----------------|
| NO. OF INTERMEDI | ATE LEVELS | :         |              |        |                |
| STYLE OF HITCH:  | PIN        | 2" BALL   | 2-5/16" BALL | PINTLE |                |
| DATE OF PURCHA   | SE:        |           |              |        |                |
| PURCHASED FROM   | M:         |           |              |        |                |
| ADDRESS:         |            |           |              |        |                |
| CITY:            |            | STATE:    |              | ZIP:   |                |
| PHONE:           |            |           |              |        |                |
| PRINTED IN USA   |            |           |              |        | PART # 193-003 |