



PLEASE READ THE ENTIRE CONTENTS OF THIS MANUAL PRIOR TO INSTALLATION AND OPERATION. BY PROCEEDING YOU AGREE THAT YOU FULLY UNDERSTAND AND COMPREHEND THE FULL CONTENTS OF THIS MANUAL. FORWARD THIS MANUAL TO ALL OPERATORS. FAILURE TO OPERATE THIS EQUIPMENT AS DIRECTED MAY CAUSE INJURY OR DEATH.

REV A 01-29-13

P/N 5900207

INSTALLATION AND OPERATION MANUAL

GOCART ROLLING CAR DOLLIES

Model: RCD-1500

REV. A



Keep this operation manual near the machine at all times. Make sure that ALL USERS read this manual .

SHIPPING DAMAGE CLAIMS

When this equipment is shipped, title passes to the purchaser upon receipt from the carrier. Consequently, claims for the material damaged in shipment must be made by the purchaser against the transportation company at the time shipment is received.

BE SAFE

Ranger™ Products are designed and built with safety in mind. However, proper training and thoughtful operation on the part of the operator can increase your overall safety. DO NOT operate or repair this equipment without reading this manual and the important safety instructions shown inside.



1645 Lemonwood Dr.
Santa Paula, CA. 93060, USA
Tel: 1-805-933-9970
Toll Free: 1-800-253-2363
Fax: 1-805-933-9160
www.rangerproducts.com

WARRANTY POLICY

Ranger Products™ are backed by over 40 years of manufacturing experience. Every product bearing the Ranger™ name is sold with the following warranty.

- Each Ranger Product™ is warranted to be free from defects in workmanship and material for a period of one year from the date of shipment provided that a written claim for such defect is made within that time.
- This warranty does not cover damage or defects caused by carelessness of the operator, misuse, abuse or abnormal use which in any way impairs the proper functioning of the equipment or by the use or addition of parts not manufactured by Ranger Products™ or its suppliers.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

If your Ranger Products™ is not functioning properly, call your Ranger Products™ dealer immediately. On some occasions, an independent contractor may be hired to do the repairs. Within the warranty period, a customer should not hire his own contractor unless it is authorized in writing by Ranger Products™.

If it is necessary to return equipment for repairs, your dealer will so advise you. When returning equipment for repairs, see that machines are properly crated and protected, and prepay transportation.

Defective parts replaced at no charge must be returned to your dealer or Ranger Products™ within 60 days of the date that the replacement parts are shipped; otherwise, you must pay for the replacement parts at the current selling price.

LIMITED RETURNS / EXCHANGE POLICY

BendPak / Ranger prides itself on a tradition of outstanding customer care and support. Our devoted team of account representatives understands that our customers are the hallmark of our enduring partnerships.

Our limited return and exchange policy allows you to return defective or incorrect merchandise for a full or partial credit of your order. All returned merchandise requires authorization. Contact our service representatives first for shipping instructions and to obtain a return authorization number. Credit will not be issued unless authorization to return merchandise has been received.

For all merchandise returned to BendPak / Ranger for reasons other than warranty, a 20% restocking fee and round-trip shipping costs will be deducted from the credit refund. All returned items must be in their original box or crating and must include all packing material, manuals and all accessories. At our discretion, a restocking fee may be charged if your product is opened or is not returned in its original condition, box, or is missing packing material, manuals, or any accessories.

NO RETURNS, CREDITS OR EXCHANGES FOR:

- Returned items that failed due to an accident, purchaser's abuse, neglect or failure to operate in accordance with instructions provided in the owner's manual(s) supplied.
- Returned items that failed due to incorrect voltage or improper wiring.
- Returned items that failed due to rain, excessive humidity, corrosive environments or other contaminants.
- Any item damaged in shipment or any product failure caused by installing or operating product under conditions not in accordance with installation and operation guidelines or damaged by contact with tools or surroundings.
- Returned items with cosmetic defects that do not interfere with product functionality.
- Returned items with no accompanying RMA number and completed RMA form.
- Returned items that are incomplete or defaced.
- Any consumable or standard wear items.
- Returned items with a different serial number from what was authorized for return.
- Returned items that do not include your original receipt, invoice or sales order.
- Returned items that were special ordered or custom configured.
- Freight damaged items. If your shipment arrives damaged you must note the damage on the carrier's delivery record in accordance with the carrier's policy, save the merchandise in the original box and packing it arrived in, and arrange for a carrier inspection of damaged merchandise.

HOW TO RETURN PRODUCTS

Please contact BendPak / Ranger within 14 days of your original shipment or warranty exchange for a Return Merchandise Authorization (RMA) number before returning your product to BendPak / Ranger.

For faster service, please have the following information on hand when calling for an RMA number: customer name, order or invoice number, item (SKU) number and serial number (if exists) and the reason for the return. In addition to the RMA number, a completed RMA form must accompany each shipment of returned merchandise.

No returns of any type will be accepted without an RMA number and completed RMA form.

Returned items must be shipped via ground service only.

Do not return items by air unless authorized in writing.

For warranty related exchanges and/or returns, a BendPak customer service representative will work with you to arrange to have the item(s) returned via a BendPak preferred carrier freight collect.

Products returned C.O.D. will be refused. Unauthorized freight collect charges will be denied.

Once an item arrives at BendPak / Ranger, we will issue a full or partial credit, exchange or refund within 15 days.

Additional time may be required depending on the nature of the return.

Returns must be made within 15 days of the Return Authorization being provided. Any incurred costs associated with damaged merchandise will be deducted from credits owed. BendPak / Ranger is not responsible for merchandise damaged in return shipment. We strongly recommend you package the items carefully to ensure safe passage. For non-warranty items, we suggest you fully insure your return shipment in case of loss or damage.

IMPORTANT SAFETY TIPS



**ALWAYS MAINTAIN A CLEAN WORK AREA.
KEEP VISITORS AND ESPECIALLY
CHILDREN AWAY FROM WORK AREA.**

**THIS CAR DOLLY IS TO BE OPERATED BY
PROPERLY TRAINED PERSONNEL ONLY.
OPERATION BY UNTRAINED
PERSONNEL MAY RESULT IN INJURY
AND /OR PROPERTY DAMAGE.**

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**THIS OPERATING MANUAL CONTAINS
IMPORTANT DETAILS CONCERNING THE
SAFE OPERATION OF THIS EQUIPMENT.
THE USER MUST READ AND UNDERSTAND
THESE DETAILS BEFORE ANY USE OF THE
EQUIPMENT. THIS MANUAL MUST BE
RETAINED FOR FUTURE REFERENCE.**

OWNER/OPERATOR RESPONSIBILITY:

The owner and/or operator shall study the product instructions and retain them for future reference.

The owner and/or operator shall have an understanding of the product operating instructions and warnings before operating the car dolly.

Warning information shall be emphasized and understood. If the operator is not fluent in English, the product instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/ owner or his designee making sure that the operator comprehends its contents.



INSPECTION

Visual inspection should be made before each use of the car dolly. This inspection should check for abnormal conditions such as cracked welds, and damaged, loose or missing parts.

Any product that appears to be damaged in any way, is found to be worn or operated abnormally, must be removed from service immediately.

Any product that operates abnormally shall be removed from service until repaired by a qualified repair service center.

If the product is accidentally subjected to an abnormal load or shock, it must be taken out of service immediately and be inspected by a qualified repair or service center.

It is recommended that an annual inspection is performed on the car dolly and that any damaged or worn parts, decals or warning labels be replaced with manufacturer's specified parts.

ALTERATIONS

Because of potential hazards associated with this type of equipment, no alterations shall be made to the product.



WARNING!

DO NOT EXCEED RATED CAPACITY OF 1500lbs. OVERLOADING CAN CAUSE DAMAGE TO OR FAILURE OF THE CAR DOLLY.

KEEP HANDS AND BODY CLEAR OF ALL PINCH POINTS.

THIS CAR DOLLY IS DESIGNED FOR USE ONLY ON HARD LEVEL SURFACES CAPABLE OF SUSTAINING THE LOAD. USE ON OTHER THAN HARD LEVEL SURFACES CAN RESULT IN THE INSTABILITY OF THE CAR DOLLY AND POSSIBLE LOSS OF LOAD.

READ, STUDY AND UNDERSTAND THE OPERATING MANUAL PACKED WITH THIS CAR DOLLY BEFORE OPERATING.

FAILURE TO HEED THESE WARNINGS MAY RESULT IN LOSS OF LOAD, DAMAGE TO THE CAR DOLLY, AND/OR FAILURE RESULTING IN PROPERTY DAMAGE, PERSONAL OR FATAL INJURY.

OPERATING INSTRUCTIONS

1. Hold the foot pedal, and carefully remove the foot pedal hook. (The foot pedal is spring loaded and will fly up when the hook is released.)
2. Remove the lock pin from the frame.
3. Open the release valve by turning the release knob counterclockwise .
4. Expand the jack by pulling the rollers apart. The jack should be wide enough to easily straddle the tire.
5. Position the jack so both rollers contact the tire tread. Verify there is at least 3/4" clearance between the tire and the axle of the jack; so the tire will put pressure on the rollers not the jack frame when raised.
6. Close the release valve by turning the release knob clockwise to a snug-tight position.
7. Operate the foot pedal to lift the tire.
8. When the lift is complete place the lock pin in the hole nearest the extension rod.
9. To lower the jack remove the lock pin and SLOWLY open the release valve counterclockwise.

AIR BLEED INSTRUCTIONS

Air may become trapped in the hydraulic system during shipment or storage. Air in the hydraulic system may cause the foot pedal action to feel "spongy" or make the jack be unable to lift a load. To bleed air from the system:

1. Open the release valve by turning the release knob counterclockwise.
2. Pull the rollers apart to the fully open position.
3. Pump the foot pedal at least five full strokes.

PREVENTIVE MAINTENANCE

Dirt is the greatest single cause of failure in hydraulic units. Keep the jack clean and well lubricated to prevent foreign matter from entering the system. If the jack has been exposed to rain, snow, sand, or grit, it must be cleaned before being used.

1. Store the jack in a well-protected area where it will not be exposed to corrosive vapors, abrasive dust, or any other harmful elements.
2. Lubricate the sliding area of the square tubing monthly.
3. Replace the oil in the reservoir at least once per year. To check the oil, place the jack on level ground and expand the jack by pulling the rollers apart. Remove the oil plug. The oil level should be at the bottom of the filler plug hole. Add approved anti-wear hydraulic jack oil, and install the oil plug again.

WARNING!

The use of alcohol, hydraulic brake fluid, detergent motor oil, or transmission oil could damage the seals and result in jack failure.

4. Inspect the jack before each use. Take corrective action if any of the following problems are found :
 - A. Cracked or damaged housing.
 - B. Malfunctioning swivel heads or adjusting screws.
 - C. Excessive wear, bending, or other damage.
 - D. Loose hardware.
 - E. Leaking hydraulic fluid.
 - F. Modified or altered equipment.
 - G. Scored or damaged piston rod.

TROUBLESHOOTING GUIDE

Repair procedures must be performed in a dirt-free environment by qualified personnel who are familiar with this equipment.

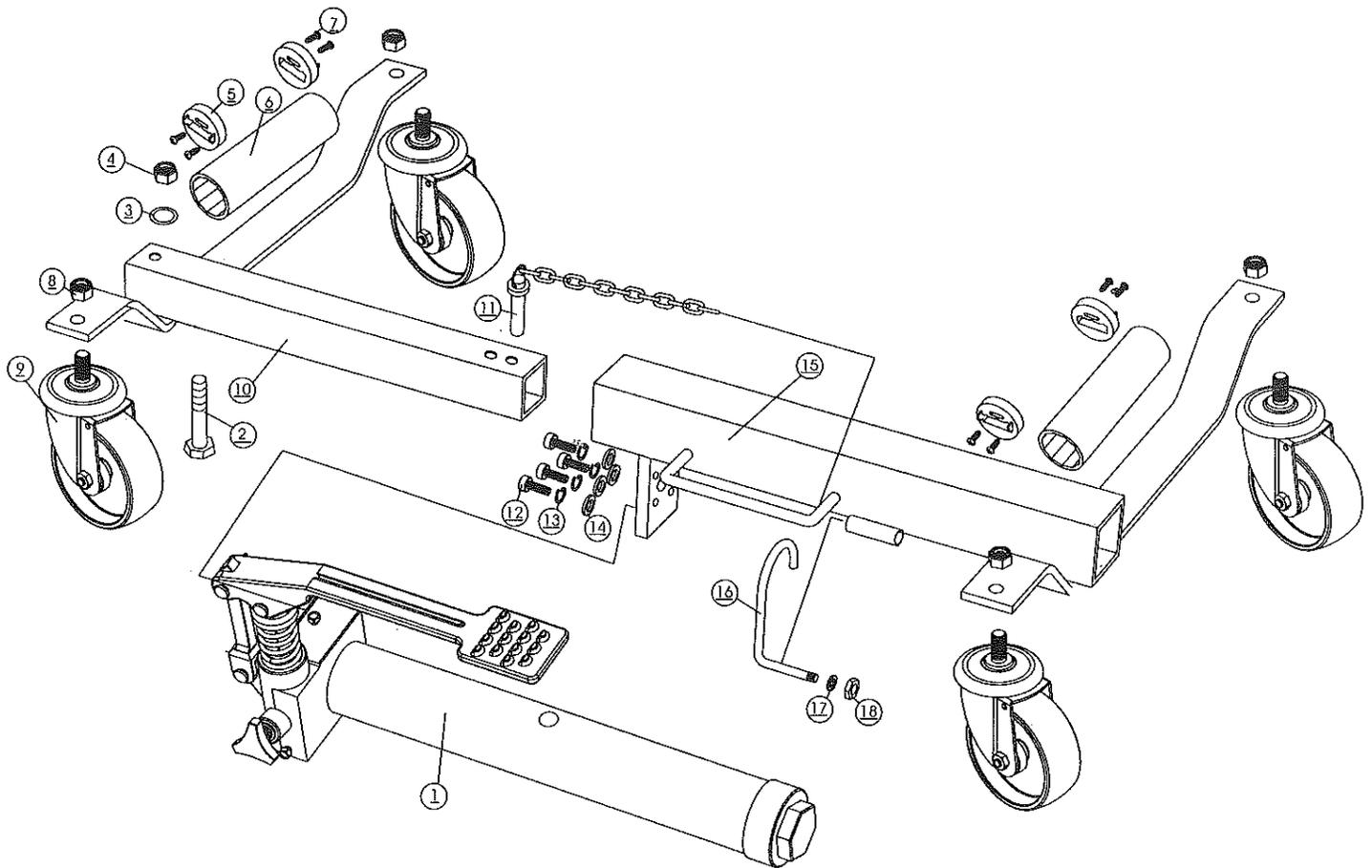


CAUTION:

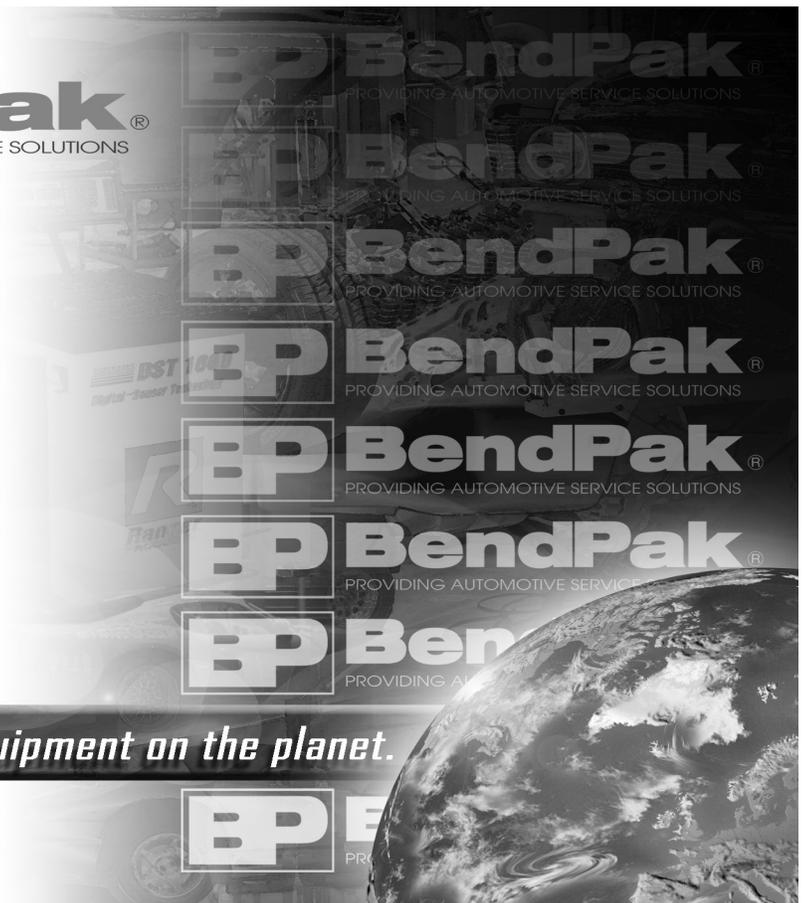
To prevent personal injury, perform inspection, maintenance, and repair procedures when the jack is free of a load (not in use).

Trouble	Cause	Solution
Jack does not lift	<ol style="list-style-type: none"> 1. Release valve is open. 2. Low/no oil in reservoir. 3. Air-locked system. 4. Load is above capacity of jack. 5. Delivery valve and/or bypass valve not working correctly. 6. Packing worn out or defective. 	<ol style="list-style-type: none"> 1. Close release valve. 2. Fill with oil and bleed system. 3. Bleed system. 4. Use correct equipment. 5. Clean to remove dirt or foreign matter. Replace oil. 6. Replace hydraulic unit.
Jack lifts only partially	<ol style="list-style-type: none"> 1. Too much or not enough oil. 	<ol style="list-style-type: none"> 1. Check oil level.
Jack advances slowly	<ol style="list-style-type: none"> 1. Pump not working correctly. 2. Leaking seals. 	<ol style="list-style-type: none"> 1. Replace hydraulic unit. 2. Replace hydraulic unit.
Jack lifts load but doesn't hold	<ol style="list-style-type: none"> 1. Cylinder packing is leaking. 2. Valve not working correctly (suction, delivery, release, or bypass). 3. Air-locked system. 	<ol style="list-style-type: none"> 1. Replace hydraulic unit. 2. Inspect valves. Clean and repair seat surfaces. 3. Bleed system.
Jack leaks oil	<ol style="list-style-type: none"> 1. Worn or damaged seals. 	<ol style="list-style-type: none"> 1. Replace hydraulic unit.
Jack will not retract	<ol style="list-style-type: none"> 1. Release valve is closed. 	<ol style="list-style-type: none"> 1. Open or clean release valve.
Jack retracts slowly	<ol style="list-style-type: none"> 1. Cylinder damaged internally. 2. Link section is binding. 	<ol style="list-style-type: none"> 1. Replace hydraulic unit. 2. Lubricate link section.

PARTS BREAKDOWN



Item #	Description	Qty.	Item #	Description	Qty.
1	Ram Assembly	1	10	Left Frame	1
2	M16 x 115mm Hex Head Bolt	1	11	Lock Pin with Chain	1
3	M16 Flat Washer	1	12	M6 x 20 Socket Head Cap Screw	4
4	M16 Nylon Lock Nut	1	13	M6 Lock Washer	4
5	Roller Raceway	4	14	M6 Flat Washer	4
6	Roller	2	15	Right Frame	1
7	Raceway Lock Screw	8	16	Hook	1
8	M12 Nylon Lock Nut	4	17	Flat Washer for Hook	1
9	4" Swivel Caster	4	18	Hex Nut for Hook	1



The best automotive service equipment on the planet.

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