



FORKLIFT STABILIZATION KIT SAFETY & REFERENCE MANUAL



Revised October 2021
Please read and save this manual.

GENERAL INFORMATION

ATTENTION: ALL DISTRIBUTORS, INSTALLERS AND/OR PURCHASERS OF TURTLE PLASTICS' FORKLIFT STABILIZATION KITS, PLEASE FOLLOW ALL PRODUCT WARNINGS AND INSTRUCTIONS ENCLOSED IN THIS MANUAL.

FAILURE TO DO SO POSES RISK OF SERIOUS INJURY OR DEATH TO THE USER AS A RESULT OF SLIPS, TRIPS, FALLS, ENTRAPMENT OR ROLLOVER OF EQUIPMENT.

ENSURE THIS NOTICE IS DISTRIBUTED TO ANYONE CURRENTLY USING THESE PRODUCTS OR PRIOR TO ANYONE INSTALLING THESE PRODUCTS.

Please read safety warnings on the following pages prior to using the below product(s).

NOTE: Products contained in the Forklift Stabilization Kit(s) may have been sold under a different name(s) or part number(s), please check with your distributor or organization. Actual included components are individualized depending on the make and model of your lifting equipment. Examples of kits are shown below.



IBS Kit R
Basic Forklift Stabilization Kit



Raymond Kit 2












Raymond Kit 1

GENERAL PRODUCT INFORMATION

- The Forklift Stabilization Kits are designed to provide components for stabilizing, including cribbing and blocking of common 2-forked lifting equipment during repair or maintenance maneuvers in an industrial setting. Before using any of the Turtle Plastics Forklift Stabilization Kits, carefully read, understand and follow instructions, procedures and safety warnings in the equipment owner's manual, and in this manual. This manual cannot anticipate or provide advice and cautions for all situations encountered by repair personnel. **For safety and warranty protection, the products should be used only by the purchaser and should not be rented to a third party.**
- **NOTE:** Product working load limits on identified components (WLL) are maximized in a 77-degree Fahrenheit (25-degree Celsius) environment; temperatures above or below will decrease working load limits.
- All Turtle Plastics' components in this manual (excluding clamps/bags) are made from recycled post industrial HDPE or UHMW formulated plastic with a reliable and repeatable formula.
- In addition to the information listed below, additional safety warnings and cautions are listed throughout this manual. Please read, understand and follow them carefully. The Forklift Stabilization Kit components are intended to be used by trained forklift repair personnel only.
- Inspect all Forklift Stabilization Kit components for cracks, splits, warping, and chemical damage every time before use. Do not use any component if any damage is detected. Only replace damaged components with genuine Turtle Plastics' components by contacting Turtle Plastics or your distributor.
- Before using, ensure the components are compatible with the measurements and load ratings of your equipment.
- Refer to your equipment owner's manual and organizations policies for proper lockout - tagout procedures for your equipment.
- Unless indicated otherwise, products are to be used horizontally. Refer to the Component Page 3 for further detail.
- When applicable, make sure to apply the equipment's braking mechanism.
- When applicable, chock the equipment's wheels with the wheel chocks included in your kit.
- Always conduct repairs and maintenance in a well-lit environment.
- Make sure components are clean and dry before using.
- Always wear the appropriate personal protective equipment when working on your equipment.
- Make sure your work surface is level, solid, and stable.

COMPONENT INFORMATION

Product Photo					
Mfg. Part #	3B, 2B, 1B	67HDC-10	FSS-4x4x22 FSS-4x4x48	WC1	RZ17-1-10
Product Name	Lock Block/ Lock Blox	Little Black Diamond Crib	Inner Rail Channel Blocks and Forklift Mast Blocks	Wheel Chock	Stockpicker Rizer
WLL (kg)	31,000	23,700	Tested on the vertical end to withstand a working load of 1,724 kg/3,880 lbs. for forklift mast parts matching that weight or less.	N/A	N/A
WLL (lbs)	68,343	52,249		N/A	N/A
Strength (PSI)	865	865	850	850	850

Product Photo					
	Baseleg- 3x3x6	Pantograph- 3x3x9	Pantograph- 3x3x13	FSS-2.5x3.5x13 /FSS-2.5x3.5x9/ FSS-2.5x3.5x6-L	
Product Name	3"x4"x6" Block Baseleg	3"x4"x9" Block Pantograph	3"x4"x13" Block Pantograph	FSS-2.5x3.5x13"- Block Pantograph FSS-2.5x3.5x9" – Block Pantograph FSS-2.5x3.5x6"-L –Block Pantograph with lanyard.	
Note	Use vertically inside channel of Raymond Model lift trucks.	Use vertically inside channel of Raymond Model lift trucks.	Use vertically inside channel of Raymond Model lift trucks.	Use vertically for outside of mast as a safety redundancy feature while inside channel is cribbed using either part FSS-4x4x22 or FSS-4x4x48.	
Strength (PSI)	3,000	3,000	3,000	865	865



(2) Bessey
Clamp Mfg. Part
#FSS-Clamp



Carrying Bag Mfg.
Part #FSSK



SAFETY INSTRUCTIONS



- Do not use Turtle Plastics' Dura Blend Lumber brands to replace either Part #FSS-4x4x22 or Part #FSS-4x4x48.
- Do not use any other composite lumber as mast supports. While these products may look similar to Part #FSS-4x4x22 or Part#FSS-4x4x48, they are not the same. Most composite lumber is nominal (not true) and not tested for a vertical load rating.
- Do not stack or combine Part #FSS-4x4x22 or Part #FSS-4x4x48 with any other materials.
- Do not point source load any Turtle Plastics product component.
- Make sure weight is spread evenly across product(s).
- Do not exceed maximum load ratings.
- Do not leave equipment unattended while using Turtle Plastics' products in an active load configuration or maneuver.
- Never use overhead chains, floor jacks, or another forklift truck as a main support of equipment.

WARNINGS

 WARNING	
  	<p>CRUSH HAZARD Can cause serious injury or death.</p> <ul style="list-style-type: none">• READ AND UNDERSTAND YOUR EQUIPMENT'S OPERATOR MANUAL FOR SAFETY INSTRUCTIONS, LIFTING, CRIBBING AND LOAD DISTRIBUTION TECHNIQUES BEFORE USING THESE PRODUCTS.• DO NOT EXCEED MAXIMUM LOAD CAPACITY OF EACH PRODUCT.• AN UNEVEN SURFACE OR MISAPPLICATION OF PRODUCTS CAN CAUSE EQUIPMENT TO FALL ONTO WORKER.• ENSURE THAT THE WEIGHT OF THE LOAD BEING LIFTED IS EVENLY DISTRIBUTED ACROSS THE CRIB BLOCK/CRIB STACK OR PAD. AVOID LOADING ONTO A SINGLE POINT OF CONTACT ON PRODUCTS (POINT SOURCE LOADING).

 WARNING	
	<p>ROLLOVER/TIPPING HAZARD Can cause serious injury or death.</p> <ul style="list-style-type: none">• Before using product components ensure forklift is on level and solid ground.• To avoid shifting the center of gravity and flipping the forklift truck during cribbing up of masts, always support both sides of the mast using clamps that are secured to the equipment using the exact same Turtle Plastics' product components.• Do not leave forklift unattended during an active cribbing application.

APPLICATION EXAMPLES

Product Application Examples

These are examples only. Always refer to the equipment owner's manual and/or your organization's safety policies for proper cribbing/blocking techniques when raising a forklift.

- To avoid shifting the center of gravity and flipping the forklift truck, **always** support **both** sides of the mast using the exact same configuration.



Example of mast support using both the 4" x 4" x 22" and 4" x 4" x 48" Dura Stat channel blocks.

- Clamps are provided in the standard Part# IBSR Kit and Raymond Kit 2. The clamps secure the FSS blocking components to the structure of the equipment to keep them from moving when lowering the mast.
- When lowering the mast on to the blocking components, do so **slowly**.



Example of a mast support using Mfg. Part# FSS-4x4x48 and Mfg. Part #FSS-Clamp.



Example of a forklift on a stockpicker rizer. Note: When driving on to the rizer, do so **slowly**.

Ensure your workspace is well lit and you have lifted your equipment on stable and even ground conditions.

TURTLE PLASTICS LIMITED WARRANTY - AMENDED OCTOBER 25, 2021

DURA CRIB™ BRAND PRODUCTS

1. Cleveland Reclaim Industries Inc. dba Turtle Plastics (hereinafter "Company") warrants solely to the original purchaser at retail of its Dura Crib Products (hereinafter "Product") that:
 - A. For five (5) years from the date of the original purchase at retail, Company will provide a replacement Product for any Product that breaks for any reason other than abuse or damage due to misapplication or improper installation or stabilization maneuver.
 - B. For ten (10) years from the date of the original purchase at retail, Company will provide a replacement on any Product that is sagging for any reason other than damage due to misapplication, overloading of product or improper installation.
 - C. For fifty (50) years from the date of the original purchase at retail, Company will provide a replacement Product for any Product that becomes defective because of rot, termite infestation or corrosion.
2. A Product shall be deemed broken or defective when it lacks the capacity to perform the primary function for which it was manufactured as determined by Company.
3. The lanyard and plug do not carry any warranty provision.
4. Company shall not warrant any Product whose production identification label is altered, including changing the Company's name, logo, product working load, country of origin, phone number and technical information website link. Company will replace any missing or lost product identification found on Product free of charge.
5. TO OBTAIN PERFORMANCE UNDER THIS WARRANTY, the original purchaser at retail must submit and complete online the requisite claim form found on the Company's website. Once a claim form has been submitted along with the necessary supporting documentation, the original purchaser shall receive a Return Goods Authorization number. Once a number has been generated, please return the broken or defective Product to Company postage paid, with a copy of the invoice documenting the date of purchase. Any Product returned for replacement under this warranty must be clearly marked with a "warranty return authorization code", which the original purchaser at retail may obtain from Company. Company will ship a replacement Product to the original purchaser at retail, postage due, within ten (10) days or as soon as product becomes available of receiving the broken or defective Product. Company reserves the right to challenge any warranty claim for failures resulting from obvious abuse or damage due to misapplication or improper installation.
6. ANY EXPRESS WARRANTY NOT PROVIDED HEREIN, AND ANY REMEDY FOR BREACH OF CONTRACT WHICH BUT FOR THIS PROVISION MIGHT ARISE BY IMPLICATION OF OPERATION OF LAW, IS HEREBY EXCLUDED AND DISCLAIMED. THIS SALE IS MADE ON THE EXPRESS UNDERSTANDING THAT THERE IS NO IMPLIED WARRANTY THAT ANY PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE OR AN IMPLIED WARRANTY THAT ANY GOODS SHALL BE MERCHANTABILITY. THE ORIGINAL PURCHASER AT RETAIL ACKNOWLEDGES THAT SAID PURCHASER IS NOT RELYING ON COMPANY'S SKILL AND JUDGEMENT TO SELECT OR FURNISH GOODS SUITABLE FOR ANY PARTICULAR USE.
7. UNDER NO CIRCUMSTANCES SHALL COMPANY BE LIABLE TO THE ORIGINAL PURCHASER AT RETAIL OR ANY OTHER PERSON FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT, OR OTHERWISE. COMPANY SHALL IN NO EVENT BE LIABLE FOR ANY BREACH OF WARRANTY IN AN AMOUNT EXCEEDING THE ORIGINAL PURCHASE PRICE OF ANY PRODUCT.
8. COMPANY SHALL IN NO EVENT BE BOUND BY ANY STATEMENT OR REPRESENTATION AS TO THE QUALITY OR PERFORMANCE OF ANY PRODUCT, OTHER THAN AS CONTAINED IN THIS WARRANTY.
9. PRODUCTS PROVIDED AS SAMPLES OR AT NO CHARGE ARE NOT CONSIDERED WARRANTED AND MAY NOT BE RETURNED FOR ANY CASH VALUE OR REPLACEMENT.
10. COMPANY RESERVES THE RIGHT, AT ITS DISCRETION, TO CHANGE, MODIFY, ADD, OR REMOVE PORTIONS OF THE WARRANTY AT ANY TIME BY POSTING THE AMENDED WARRANTY ON ITS WEBSITE AT [HTTPS://WWW.TURTLEPLASTICS.COM/RESOURCES/](https://www.turtleplastics.com/resources/). PLEASE CHECK WARRANTY PERIODICALLY FOR CHANGES OR CALL OUR OFFICE AT 1-800-756-6635 IF YOU WOULD LIKE THE MOST RECENT WARRANTY.
11. WARNING: COMPANY STRONGLY RECOMMENDS THAT GENUINE DURA CRIB PRODUCTS ARE USED DURING CRIBBING APPLICATIONS AND THE USE OR MIXING OF OTHER PRODUCTS OR MATERIALS IN A CRIB STACK MAY ALTER THE PERFORMANCE OF THE COMPANY'S PRODUCTS, CAUSE SERIOUS INJURY TO THE USER, DAMAGE TO THE EQUIPMENT AND CANCEL THE LIMITED WARRANTY PROVIDED HEREIN.

DURA STAT™/DURA BLEND LUMBER™/UHMW BRAND PRODUCTS

1. Cleveland Reclaim Industries Inc. dba Turtle Plastics (hereinafter "Company") warrants solely to the original purchaser at retail of its Dura Stat ("DS Product")/Dura Blend Lumber ("DBL Product") and Ultra High Molecular Weight Polyethylene (hereinafter "UHMW Product") that:
 - A. For one (1) year from the date of the original purchase at retail, Company will provide a replacement for DS, DBL OR UHMW Products that breaks for any reason other than abuse or damage due to misapplication or improper installation.
 - B. For fifty (50) years from the date of the original purchase at retail, Company will provide a replacement DS, DBL OR UHMW Products that becomes defective because of rot, termite infestation or corrosion.
 - C. Included are warranty provisions 2-11.
2. WARNING: THE LIMITED WARRANTY PROVIDED FOR HEREIN WILL BE CANCELED SHOULD THE ORIGINAL PURCHASER USE DS OR DBL PRODUCTS IN ANY CRIBBING OR MULTIPLE STACKING CONFIGURATION. EXCLUDING PART #FSS-4x4x22 AND PART #FSS-4x4x48 WHICH CAN BE USED TO CRIB A FORKLIFT MAST ONLY.

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ALL TURTLE PLASTICS® PRODUCTS
MADE IN USA