



# MONSTER BOX<sup>®</sup>

## INSTRUCTION AND REPAIR PARTS MANUAL MODELS 1000, 1010, & 1020

MONSTER BOX™ Job Site Storage Equipment is intended to provide superior storage security for your tools and equipment on the job site. It is configured with lifting rings to allow movement by crane with appropriate rigging and safety precautions. The storage units are rated for 2500 lbs. capacity (including the weight of the storage container). The MONSTER BOX line is also configured to enable a power cord pass through or accept the Knaack Accessory Resident Power Supply Box option.

### **DANGER**

Incorrect use of this product can lead to accidental injury or even death; follow all recommended guidelines when using.

- Read & understand all instructions & warnings before operating or using this product.
- DO NOT put fuels, flammables, explosives, or hazardous materials inside these products.
- Gasoline, solvents, gunpowder, or other munitions, dynamite, propane, acetylene or other such products can explode if stored inside these products. Volatile liquids can leak and catch fire when heated in containers by sun causing burns, injury, or death.
- Use these storage products ONLY for storing and transporting electric tools or hand tools & equipment.
- Failure to follow these warnings or modifications or other uses of these products could result in death, serious injury, or property damage.

### **WARNING**

Keep hands clear when closing box lid or doors. Hands or fingers could be crushed.

### **NOTICE**

- Any modification or unintended use of this product shall immediately void all manufacturer's warranties.
- Manufacturer disclaims all liabilities for injuries to persons or property resulting from any modifications to, or unintended use of this product.

## **Register your Product and Key Code**

1. Remove the tear off section from the PRODUCT REGISTRATION label inside your MONSTER BOX and attach it to this manual in the space provided below. Read and save this manual in a secure place.
2. It is important to register your key code upon purchase or upon changing lock cylinders to key your boxes alike. Failure to register your key code could result in an inability to unlock your box. As a premium secure solution for tool storage, there is a possibility that if your keys are lost or misplaced that unless registered, you will not be able to enter your box.
3. Knaack L.L.C. will only sell additional or replacement keys to the registered owner of the serial # on the product.
4. Insert tear-off section from registration decal in the space provided below.

INSERT TEAR OFF SECTION FROM PRODUCT REGISTRATION

Write your Key Code here:

\_\_\_\_\_

Keep this manual in a secure place.

5. To register your KEY CODE, do the following:

# LOCKING INSTRUCTIONS

## Locking/Securing your MONSTER BOX™:

The MONSTER BOX™ series comes equipped with a drill resistant replaceable lock cylinder and handle assembly. Each unit is supplied with (4) keys.

### STEPS:

1. To open the lock, insert the key and rotate 90 degrees to the right (Fig. 1).
2. The recessed handle should pop free from the recess for accessing it (Fig. 2).
3. Grab the handle and rotate to the right to disengage the locking rods.
4. Lift the cover or swing open doors for access as needed.
5. Ensure the lock handle is in the unlatched position before closing the doors or covers to avoid colliding the latch into the latch pin.
6. To lock, simply insert the key and turn left to the locked position and remove the key. Turn the handle to the left and push it back into its recess.

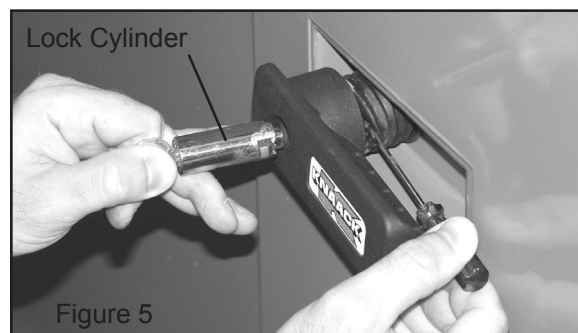
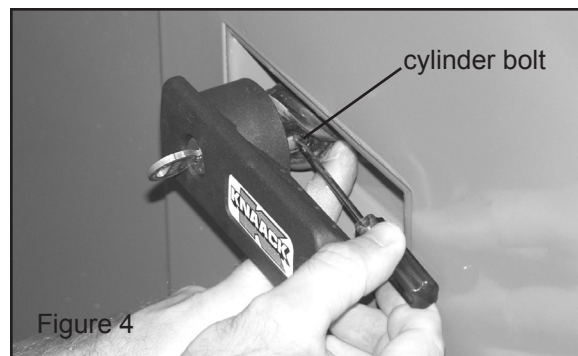
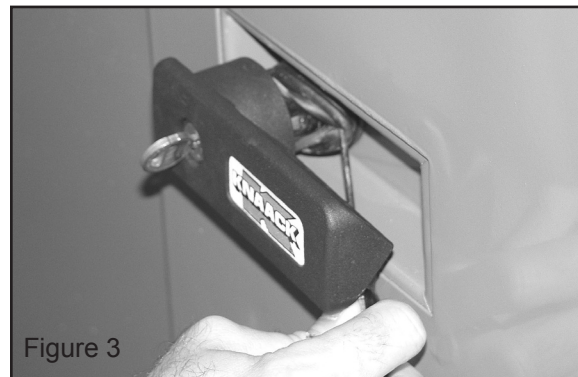
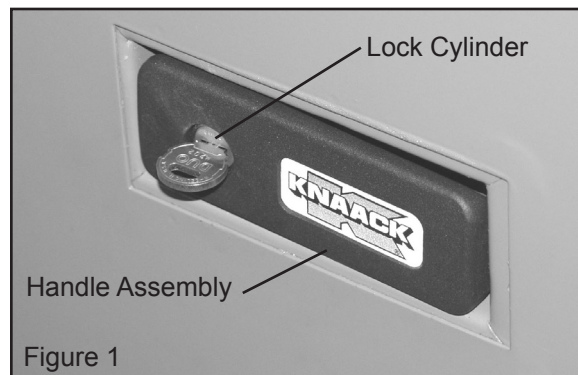
## Lock Cylinder Replacement

### (14-0024 Installation Instructions)

In the event that your lock cylinder needs replacement or a key-a-like situation is of interest, the lock cylinder can be removed and replaced as long as you have the original key that was supplied with it.

### STEPS:

1. Take the key and unlock the handle allowing it to extend out of its recess (Fig. 2).
2. With the handle fully extended, push back the rubber seal revealing the locking cylinder bolt (Fig. 3).
3. Take a small screwdriver or similar pointed object, push the cylinder bolt into its recess and rotate key fully clockwise (Fig. 4). This action allows the lock cylinder to release from its handle housing. Pull the cylinder out via the engaged key (Fig. 5).
4. Take the replacement cylinder, turn its key to the right to unlock the mechanism and push it into the receiving housing of the handle until the bolt engages the slot thereby securing the cylinder into the handle.
5. Pull the protective seal back over the handle shaft and into place so as to effectively seal the assembly.
6. Test the key in the lock and return the handle to the recessed, locked position.



# LIFTING INSTRUCTIONS

## Preparing MONSTER BOX™ for lifting by crane:

### WARNING

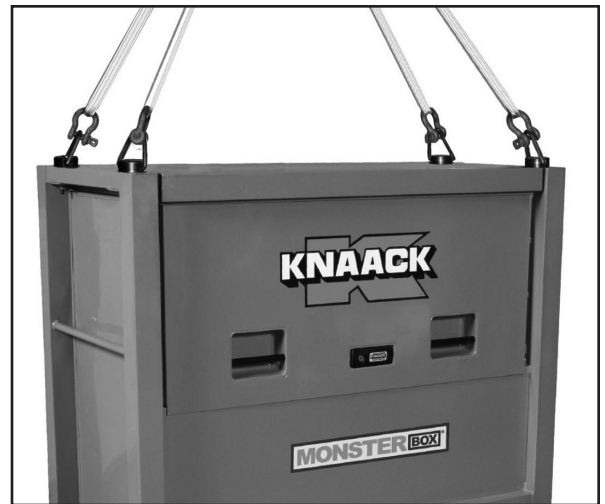
Preparing the MONSTER BOX for lifting by crane:

- For SAFE rigging and lifting practices, refer to ASME B30 series; Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings.
- Always inspect the lifting rings to ensure they are in proper working order and are not damaged or corroded. Replace any damaged rings prior to rigging.
- Secure doors or lids of box to prevent unwanted opening or spilling of contents.
- Plan route of lifted box so that it does not pass over persons. Clear area of persons after box is connected and tension is established.
- LIFT ONLY by lifting lugs, DO NOT lift by handles, they are not designed to support heavy loads.
- Rig for lifting using all (4) available lifting rings. The load rating is based on using all (4) lifting rings.

### STEPS:

1. Ensure all internal items are secured and not allowed to shift during transport.
2. Close lid and or secure all doors in a locked position prior to lifting.
3. Cable tie, hook, or sling with straps along all (4) lifting lugs, as shown.
4. Maintain all rigging practices in accordance with ASME B30. See picture to right for typical rigging.
5. Ensure all lifting lugs are unimpinged and can align freely towards the center of the unit.
6. Avoid any sudden jerks or rapid falls while moving the MONSTER BOX by crane.
7. NEVER LIFT unit over persons; ALWAYS clear area before moving MONSTER BOX by crane.

Refer to ASME B30  
for proper rigging  
techniques



## Recommended Load ratings:

Refer to Table 1 for allowable load rating of MONSTER BOX for lifting by crane as well as recommended storage weight capacities on shelving.

Table 1

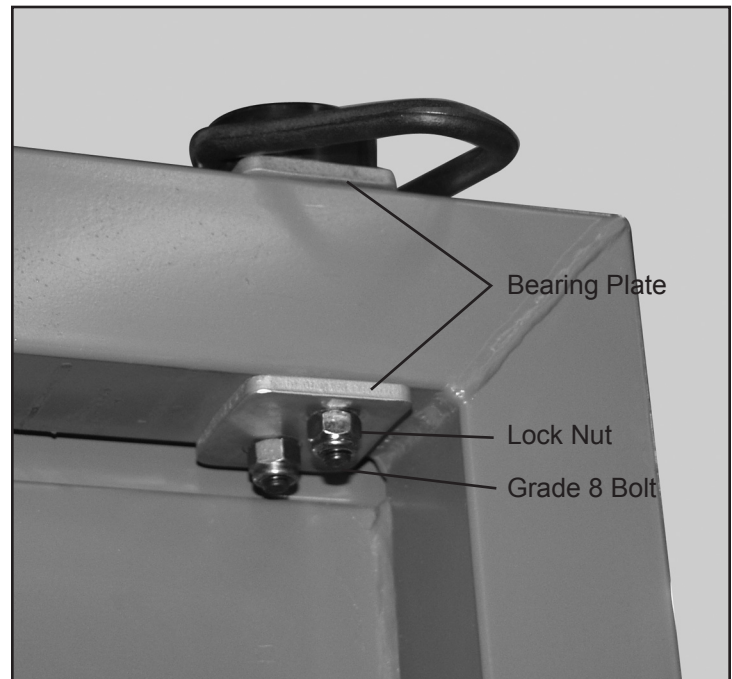
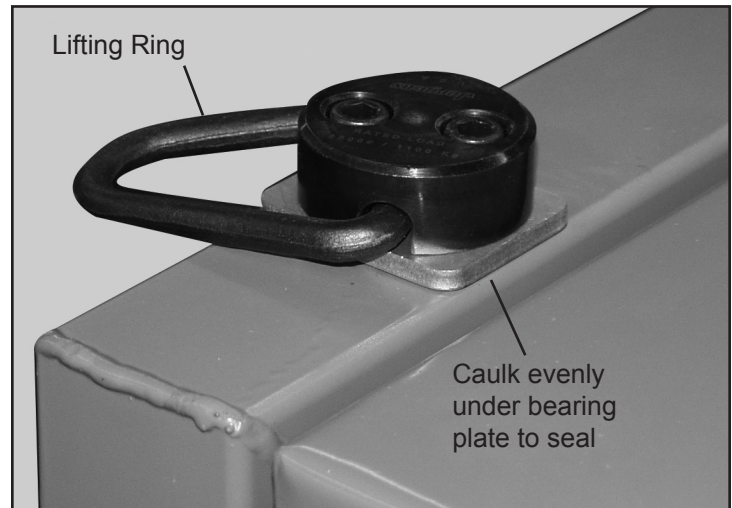
	Model 1000	Model 1010	Model 1020
Lift by crane	Not to exceed 2500 lbs. (including container weight)	Not to exceed 2500 lbs. (including container weight)	Not to exceed 2500 lbs. (including container weight)
Shelving	30 lbs./sq. ft.	N/A	30 lbs./sq. ft.
Door Shelving	N/A	N/A	60 lbs. (each door, any more may incur tipping an empty container)



## REPLACING LIFT RINGS

### STEPS:

1. Contact Knaack LLC to obtain factory original lifting ring system for replacement.
2. Each lifting ring has a proof load rating\* stamped on the base of the ring; do not substitute with look-a-like components; use only Knaack approved parts.
3. Each lifting ring is secured in place by a pair of Grade 8 socket head cap screws, lock nuts and bearing plates.
4. Loosen the lock nuts and remove the bolts. ALWAYS REPLACE the hardware with approved Knaack components.
5. Ensure bearing plates are returned to their original configuration. Discarding bearing plates could lead to premature failure.
6. Reassemble and tighten each bolt to 16 ft-lbs of torque.
7. Apply a bead of silicone caulk under the perimeter of the bearing plate, as shown.



\*The proof load value stamped on the base of the lifting rings DOES NOT indicate the rated load of the container for crane lifting. Values are typically higher to include safety factors.

## SHELF INSTRUCTIONS

### Shelf Adjustment: (Model 1020 Only)

MONSTER BOX™ Cabinet comes with Adjustable shelving.

Steps to Removing/adjusting shelf:

1. Remove items from the shelf before dislocating from supports.
2. Remove plastic clips under shelf before adjusting.
3. Carefully lift up on the shelf freeing the tabs from the engagement slots in the box shelf support.
4. If desired, remove shelf entirely from unit.
5. Relocate shelf to preferred mounting position by aligning the steel tabs with the slots in the support channel.
6. Slide the shelf tabs into the support slots and press down to fully seat shelf and assure it is securely mounted.

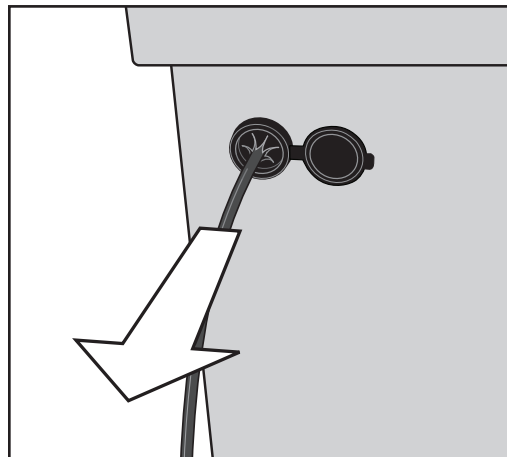
## RECHARGING POWER TOOLS IN YOUR MONSTER BOX™

### **POWER PASS™ electrical pass through (included):**

The Job Site models listed in the previous section have a pre-determined mounting area suggested for use with the POWER PASS electrical pass through or the Accessory Resident Power Supply Box (purchased separately).

#### Knockout removal :

1. Choose the desired location and secure a hammer or mallet.
2. Using a mallet, strike the knockout feature until it breaks free of the sheet metal wall. Twist the plug from wall with pliers, if necessary.
3. Ensure all sharp edges are removed. Insert the included grommet to ensure power cords are protected from raw sheet metal edges.



### **! WARNING**

#### Extension Cord-

- Follow all Extension Cord manufacturer's Warnings and Instructions.
- After removing knock-out, insert rubber hole protector. Do Not insert extension cord through hole without protector in place.
- Only use a three-wire extension cord with all three prongs intact. Never remove the round grounding prong.
- Extension cord must be connected to a 120 Volt GFCI protected outlet with proper ground. If GFCI outlet is not available, use an extension cord with GFCI protection built in.
- Check the insulation and plugs of extension cord before using. Do Not use cord if it is worn or damaged.
- Do Not overload extension cord.
- Remove extension cord from the hole before moving or transporting storage chest.
- An extension cord not marked for Outdoor Use must only be used Indoors.
- Do Not connect extension cord to outlet that also supplies critical safety equipment with power.

#### Cordless Power Tool Battery Chargers-

- See Charger's Owner's Manual for proper use and care of charger and batteries. Follow all Warnings and Instructions provided with your battery charger.
- Place chargers and electrical connections in tray.
- Chargers are Dry location use only. Do Not expose to liquid, vapor, or rain. Should your charger become wet, Do Not attempt to use. Unplug extension cord from supply before handling wet charger or cords.
- Only use chargers and batteries that are intact and operating properly.
- Do Not touch metal prongs when plugging charger into extension cord.
- Keep flammable materials like paper or rags away from charger, cords or connections.
- Do Not place or attempt to charge lead acid, car type batteries in storage chest.

*Coming in 2008*

### **Accessory Resident Power Supply**

The Accessory Resident Power Supply Box can be used with any KNAACK® Job Site Storage Equipment as well as other manufactures of job site equipment. Some job site storage equipment manufactured from 2007 and beyond incorporated knockout features in the container walls to readily accept the Accessory Resident Power Supply box. All other models require punching and drilling mounting holes to accommodate the option.

Note: Follow installation instructions included in the Accessory Resident Power Supply Box kit for mounting this option to your Job Site Box

#### Suggested use:

The Accessory Resident Power Supply Box can supply simultaneous power to (4) devices so long as the cumulative drawn amperage is 15 amps or less. Typically, this will allow continued charging of battery cells (for tools) in conjunction with medium duty tool operation at the job site box.

## REPLACEMENT PARTS

Description	Part #	Fits
Handle Kit - Monster Box	70023	1000, 1020
Latch Handle - Monster Box	70024	1000, 1010, 1020
Latch Rod - 1000/1010	70025	1000, 1010
Lift Rings - set of 4	70026	1000, 1010, 1020
Catch - 1000/1020	70027	1000, 1020
Catch - 1010	70028	1010
Gas Springs	977-2PK	1000
Ball Studs for Gas Springs	921-4PK	1000
Shelf Grommet (1)	7628	1000
Caps & Plugs Kit	7683	1000, 1010, 1020
Stem Bumpers - 1000	70029	1000
Capped Grommet	70030-1PK	1000, 1010, 1020
Latch Rods - 1020	70031	1020
Wire Rack	70032	1000
Replacement Keys	70022-XX	1000, 1010, 1020
Replacement Key Cylinders	71022-XX	1000, 1010, 1020

## ACCESSORIES

Description	Part #	Fits
Casters	600	1000, 1010, 1020
Casters	695	1000, 1010, 1020

### Caster Installation & Replacement:

Your job site storage box is equipped to accept optional casters that provide mobility of the unit. The casters are sold in a separate kit and are bolt on capable. Refer to Installation Instructions in Caster Kit for recommended procedure of attachment.

## **WARNING**

When the moving the MONSTER BOX on ground...

- Seek mechanical assistance to move. Optional casters are available to assist in moving the container on firm, level surfaces.
- When moving with optional casters, push or pull unit by handles. Move in lengthwise direction only; avoid abrupt transitions that may encourage tipping.