

*Eastwood*<sup>®</sup>

DO THE JOB RIGHT.<sup>®</sup>

Item #55240

# ENGINE STORAGE STAND

## INSTRUCTIONS



The **EASTWOOD ENGINE STORAGE STAND** features compatibility with GM Small Block and Big Block Engines. The low-profile design allows the engines to be stored in tight, compact areas. Steel, ball bearing Swivel Casters and a rugged steel frame will support up to a total loaded weight of 750 lbs. [340 kg.] yet is completely portable for use as a long-term storage of engines.

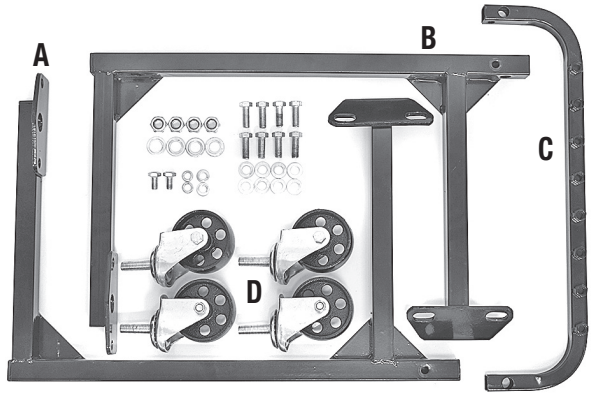
## CONTENTS

### COMPONENTS

- (1) Right Support Member [A]
- (1) Left Support Member [B]
- (1) Cross Brace Member [C]
- (4) Swivel Casters [D]

### HARDWARE

- (2) M8x16 Hex Cap Screw
- (2) M8 Washer
- (2) M8 Locknut
- (8) 3/8"-16 Grade 5 Hex Cap Screw
- (8) 3/8" Washer
- (4) M12 Locknut (preinstalled on Casters)
- (4) M12 Washer (preinstalled on Casters)



## SPECIFICATIONS

- Max. Weight Capacity:** 750 lbs. [340 kg]
- Assembled Engine Stand Weight:** 16 lbs. [7.25 kg]

# SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

## **DANGER**

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

## **WARNING**

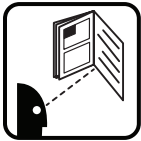
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

## **CAUTION**

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## **NOTICE**

NOTICE is used to address practices not related to personal injury.



### **READ INSTRUCTIONS**

- Thoroughly read and understand this manual before using.
- Save for future reference.



### **DANGER** **ENGINE STAND CAN TIP OR COLLAPSE CAUSING SEVERE INJURY!**

- **DO NOT** attempt to mount a top-heavy load.
- **DO NOT** concentrate a heavy load to either side or end of the Engine Storage Stand. This can cause the balance to shift suddenly, tipping the Engine Storage Stand and its load which can quickly cause severe injury and property damage!
- **DO NOT** exceed the rated 750 lbs. [340 kg]. weight capacity.
- **DO NOT** use to support humans or animals.
- **DO NOT** climb on the Engine Storage Stand.
- **DO NOT** use the Engine Storage Stand to support items other than engines.
- **DO NOT** attempt to transport this Engine Storage Stand with a load attached by any hauling method.
- **DO NOT** use with lifting devices and/or chains, cables or ropes that are frayed, twisted, kinked, or otherwise damaged.
- Use only on a smooth, level, and clean work surface.  
**DO NOT** use on a sloped or rough textured surface, earth, grass, sand, gravel or any other loose or unstable surface.

# SAFETY INFORMATION



## **⚠ WARNING**

- The Eastwood Engine Storage Stand is specifically designed to be used **ONLY** with GM Small Block and Big Block Engines, excluding LS Engines. **DO NOT** use the Engine Storage Stand to hold anything other than the listed compatible objects.

## **⚠ WARNING**

- **DO NOT** remove or cover any of the factory supplied labels or warnings! They include specific safety information that must be communicated to future users.



## **⚠ WARNING FALL HAZARD!**

- Awkward, out of balance body positions may be attempted while trying to reach specific areas of objects placed on the Engine Storage Stand during use. Failure to ensure proper footing can quickly result in a fall which could inflict serious personal injury or property damage.



## **⚠ WARNING IMPROPER MOTOR VEHICLE REPAIR WORK CAN RESULT IN INJURY OR DEATH!**

- Performing automotive repair work can cause injury, death and vehicle accidents. **DO NOT** attempt to use this tool or begin work without proper training and a thorough understanding of motor vehicle mechanical systems.
- Always consult an authorized manufacturer's service manual or reference materials on the particular vehicle for the proper procedures before using this tool.



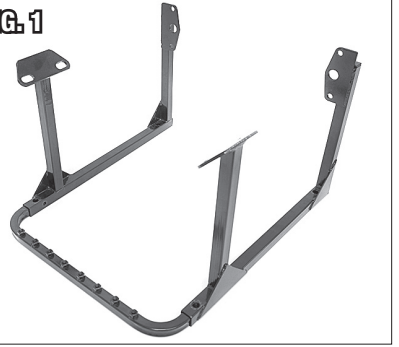
## **⚠ CAUTION PINCH/CRUSH HAZARD!**

- This Engine Storage Stand has moveable components that can crush and pinch. Keep fingers and hands away from pinch points when operating.

# ASSEMBLY

- With the Left and Right Support Members standing upright and the caster holes down, insert the Cross Brace Member, with the welded-on nuts facing up, into the front of the square tubing of the Support Members (**FIG 1**).
- Secure the Cross Brace Member to the Left and Right support member by inserting and tightening the included M8x16 Hex Cap Screws, Washers, and Lock Washers on the inside of the Supports (**FIG 2**).
- Insert the Swivel Casters from the bottom of the Supports (**FIG 3**). Secure using the M12 Locknuts and Washers that are pre-installed onto the Caster (**FIG 4**).
- Install the 8 3/8"-16 Hex Cap Screws and Washers into the nuts welded on the top of the Cross Brace Member (**FIG 5**).

**FIG. 1**



**FIG. 2**



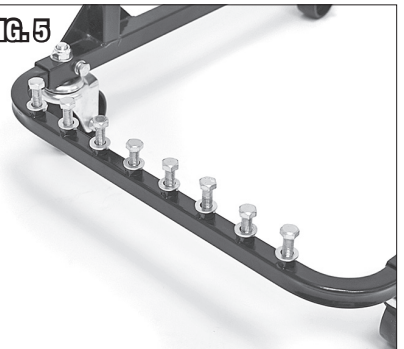
**FIG. 3**



**FIG. 4**



**FIG. 5**



# ENGINE STAND USE

## **⚠ WARNING**

Only use mounting bolts of the equivalent grade or stronger as those supplied by the vehicle manufacturer to mount an engine.  
The selected mounting bolts must be fully threaded into the engine block mounting holes, and tightened, for maximum strength and safety.

## **⚠ WARNING** TIP HAZARD!

It is the responsibility of the user to determine the best mounting arrangement and to follow all safety warnings presented in the Safety Information section of these instructions. It is critical that the engine be mounted with the center of gravity as close to an alignment with the centerline of the Engine Storage Stand to eliminate a dangerous, top-heavy condition which could cause the Engine Storage Stand to suddenly tip. If any indication of instability occurs, STOP IMMEDIATELY!

## MOUNTING A LOAD

- Align the center of gravity of the engine with the centerline of the Engine Storage Stand to avoid a top-heavy condition.
- Slowly lower the engine onto the Mounting Plates to align with the bolt pattern of the engine. DO NOT allow the full weight of the engine to rest on the Engine Storage Stand. The engine must be supported until it has been secured to the Stand.
- Slip the supplied mounting bolts and washers through the Mounting Plates and with the hoist or crane still supporting the load, thread the bolts into the engine.
- Securely tighten the supplied, load bearing bolts.
- SLOWLY lower the engine hoist or crane allowing the Engine Storage Stand to bear the weight.
- Observe carefully for any imbalance condition, excessive deflection or casters lifted before disconnecting hoist or crane.

# MAINTENANCE

- The Engine Storage Stand is finished in rugged powder coating which will provide many years of effort free beauty however it is advisable to keep the finish clean and free from excessive dust and dirt.
- Keep the Engine Storage Stand in a clean and dry environment. DO NOT store it in or expose it to a damp or wet environment.
- Before each use, inspect all components for potential damage and proper alignment. Check all hardware for tightness
- DO NOT use if damage is discovered.

# ADDITIONAL ITEMS

- #33913 Eastwood 2 Ton Engine Crane
- #43090 Eastwood Safety Goggles
- #31504 Eastwood 6 Ton Jack Stand Set
- #21297 Tillman Work Gloves

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**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: [tech@eastwood.com](mailto:tech@eastwood.com)

PDF version of this manual is available at [eastwood.com](http://eastwood.com)

The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA

800.343.9353 [eastwood.com](http://eastwood.com)