

YOST[®] VISES

EST. 1908

Multi Mount System Installation Instructions



Item #72882
#72883
#72884
#72885
#72886
#72887
#72888
#72889

The **YOST MULTI MOUNT SYSTEM** is a robust, quick-change tool mounting solution. Designed around a standard 2" hitch tube with 5/8" pin, the Tables can be mounted or swapped in a matter of seconds. Tables have multiple slots for mounting a wide variety of tools and are available in a fixed or gear-indexing swivel design. Receiver Tube mounts are available in bolt-on (powder coated with mount plate) or weld-on (raw steel) configurations for both tabletop (horizontal) and wall mount (vertical) applications. Additionally, heavy-duty Pedestals are available with a Receiver Tube top or Table top. All components are constructed from high-strength steel and professionally TIG welded for maximum durability and visual appeal.

COMPONENTS AVAILABLE

Part Number	Name	Description
72882	Yost Multi Mount Receiver, Weld-On, Horizontal	Raw steel 2" tube receiver with 5/8" pin hole. For welding to horizontal steel surfaces, such as the top of a table. Includes Clevis Pin, Cotter Pin, and Set Screws for eliminating play.
72883	Yost Multi Mount Receiver, Weld-On, Vertical	Raw steel 2" tube receiver with 5/8" pin hole. For welding to vertical steel surfaces, such as a column. Includes Clevis Pin, Cotter Pin, and Set Screws for eliminating play.
72884	Yost Multi Mount Receiver, Bolt-On, Horizontal	Powder coated steel 2" tube receiver for bolting to horizontal surfaces. Ø5/8" x 2" center spacing compatible hole pattern for direct mount on welding fixture tables. Includes Clevis Pin, Cotter Pin, and Set Screws for eliminating play.
72885	Yost Multi Mount Receiver, Bolt-On, Vertical	Powder coated steel 2" tube receiver for bolting to vertical surfaces. Ø5/8" x 2" center spacing compatible hole pattern for direct mount on welding fixture tables. Includes Clevis Pin, Cotter Pin, and Set Screws for eliminating play.
72886	Yost Multi Mount Pedestal, Receiver Top	Powder coated steel pedestal with 2" tube receiver fixed on top and floor mount plate. 36" working height. Includes Clevis Pin, Cotter Pin, and Set Screws for eliminating play.
72887	Yost Multi Mount Pedestal, Tabletop	Powder coated steel pedestal with fixed tabletop and floor mount plate. 35" working height. Tabletop is 5/16" thick and has 1/2" slots in a straight and diagonal cross pattern for mounting tools.
72888	Yost Multi Mount Table, Fixed	Powder coated steel 2" tube with 5/8" pin hole and fixed tabletop. Table top is 5/16" thick and has 1/2" slots in a straight and diagonal cross pattern (excluding above tube) for mounting tools.
72889	Yost Multi Mount Table, Swivel	Powder coated steel 2" tube with 5/8" pin hole and swivel tabletop. Unique gear-lock system indexes positively every 20°. Tabletop is 5/16" thick and has 1/2" slots in a straight and diagonal cross pattern for mounting tools.

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

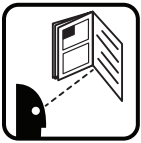
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ 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 these product instructions before using.
- Keep these product instructions for future reference.



⚠ DANGER ELECTRIC SHOCK CAN CAUSE INJURY OR DEATH!

- Improper use of an arc welder can cause electric shock, injury, and death! Read all precautions described in the welder manual to reduce the possibility of electric shock.
- Disconnect arc welder from power supply before assembly, disassembly, or maintenance of the torch, when installing or removing electrodes and nozzles.
- Always wear dry, protective clothing and leather welding gloves and insulated footwear. Use suitable clothing made from durable flame-resistant material to protect your skin.
- If other persons or pets are in the area of plasma cutting, use welding screens to protect bystanders from sparks.
- Always operate the arc welder in a clean, dry, well ventilated area. Do not operate the arc welder in humid, wet, rainy or poorly ventilated areas.
- The electrode and work (or ground) circuits are electrically “hot” when the arc welder is on. Do not allow these “hot” parts to come in contact with your bare skin or wet clothing.
- Stay separated from the arc welding circuit by using insulating mats to prevent contact from the work surface.
- Be sure that the work piece is properly supported and grounded prior to beginning an electric arc welding operation.
- Always attach the Ground Clamp to the piece to be cut and as close to the welding area as possible. This will give the least resistance and best weld.



⚠ DANGER WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

- Welding produces sparks which can be discharged considerable distances at high velocity igniting flammable or exploding vapors and materials.
DO NOT operate the welder in areas where flammable or explosive vapors are present.
DO NOT use near combustibles surfaces. Remove all flammable items from the work area where welding sparks can reach (minimum of 35 feet).
- Always keep a fire extinguisher nearby while welding.
- Use welding blankets to protect painted and or flammable surfaces, rubber weather-stripping, dash boards, engines, etc.



⚠️ WARNING INJURY HAZARD!

- Working materials can present eye injury hazards. Always wear ANSI approved eye protection when working materials.
- Fumes and gasses released during welding are hazardous. Do not breathe fumes that are produced by the welding operation. Prolonged inhalation of welding fumes above safety exposure limits can injure the lungs and other organs.
- Dust and fine particles generated while working materials can contain hazardous or toxic substances. Breathing this dust can cause many serious respiratory health conditions. Always use NIOSH approved respiratory protection while working materials.
- Use enough ventilation and/or exhaust at the arc to keep fumes and gases from the immediate working area.
- Use an OSHA approved respirator when welding in confined spaces or where there is inadequate ventilation.
- Working materials, particularly when hammering, can generate excessive noise. Wear appropriate hearing protection when required.



⚠️ WARNING ELECTROMAGNETIC FIELDS CAN BE A HEALTH HAZARD!

- The electromagnetic field that is generated during arc welding may interfere with various electrical and electronic devices such as cardiac pacemakers. Anyone using such devices should consult with their physician prior to performing any welding operations.
- Exposure to the electromagnetic fields generated while arc welding may have other health effects which are not known.



⚠️ WARNING ARC RAYS CAN INJURE EYES AND BURN!

- Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eye damage. Use a shield with the proper filter (a minimum of #11) to protect your eyes from sparks and the rays of the arc when welding (see ANSI Z49.1 and Z87.1 for safety standards).
- Use suitable clothing (long pants, long sleeves, closed toe shoes, gloves) made from durable flame-resistant material for skin protection.
- If other persons or pets are in the area of plasma cutting, use welding screens to protect bystanders from sparks and arc rays.



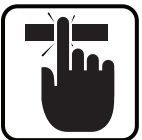
⚠️ WARNING CRUSH HAZARD!

- Unsecured vehicles can roll away during use, resulting in severe injury to bystanders and property damage. Always verify the vehicle cannot roll before use! The vehicle parking brake must be fully engaged and chocking the wheels is highly recommended.



⚠️ CAUTION BURN HAZARD!

- Welding heats metal and tools to temperatures that will cause severe burns!
- Use protective, heat resistant gloves and clothing when using welding equipment. Never touch welded work surfaces until they have completely cooled.



⚠️ CAUTION INJURY HAZARD!

- Take care to avoid pinching hands while mounting and dismounting tools. Handling sharp metal can cause serious cuts. The use of thick, well-fitting work gloves is strongly recommended.
- Poorly secured tools may shift or suddenly drop during use. Always wear closed toe shoes. The use of safety toe shoes is recommended.
- Dust and debris generated from working materials may result in slippery surfaces in the area of operations, and applying force to a workpiece increases the risk of suddenly slipping and falling. Always be sure-footed and well balanced when working materials. Wear appropriate footwear to increase grip.
- Read all manuals included with tools relevant to installing or using the mounting system. Be aware of all power tool safety warnings.



⚠️ CAUTION HEAVY WEIGHT!

- Tools may be heavy and unstable before mounting. Take care when handling prior to mounting. The assistance of a capable helper may be necessary.
- Improper mounting or mounting to an unsuitable location could cause components to suddenly fail. Follow proper mounting methods as described in this manual to prevent personal injury and property damage.



⚠ NOTICE

- For intended use securely mounting tools only.
- Visually inspect components and mounting location for structural damage before each use. Discontinue use if damage is observed.
- Remove Table after use if mounted to a vehicle receiver tube. Leaving the Table mounted poses undue risk to pedestrians, other motorists, and impedes cargo access.
- NEVER drive on roadways with a tool mounted to the Table. Be extremely cautious moving the vehicle with the Table installed.
- Do not use with a receiver tube smaller than 2". Damage to the hitch or vehicle may occur. If the receiver tube is larger than 2", an adapter must be used.
- Always use the included Clevis and Cotter Pins when mounting in a receiver tube to prevent the Table from slipping out in use.
- Do not exceed the maximum tongue weight of the vehicle's receiver. Overloading the vehicle may result in damage.
- The Table was not designed to be used as a tow hook. Using the Table for vehicle recovery may result in parts breakage.

INSTALLATION

LOCATION

- When installing a Receiver or Pedestal, carefully plan where you will locate it. Ensure the mounting location is strong and suitable for the type of tools you will be mounting to the Receiver or Pedestal. Follow the product specific guidelines below:
 - **Weld-On Receivers:** Must be welded to a strong steel component with at least 3/16" of material thickness. Take all necessary preparations to make the strongest weld possible.
 - **Bolt-On Receivers:** Check mounting location for anything on the backside that may impede mounting or pose a hazard. If necessary, reinforce the backside for additional strength. Use suitable hardware in a through-bolted configuration with washers, a lock washer or locking nut. Tighten the hardware securely and periodically check the tightness of the bolts, retightening if necessary.
 - **Pedestals:** Must be located on a strong and level floor, preferably concrete, suitable for floor anchoring. Utilize four 7/8" (M22) Bolts to anchor it via the mounting holes in the Base.

⚠ CAUTION INJURY HAZARD!

Pedestals must be rigidly anchored to the floor before use.

MOUNTING

- When mounting a Table in a Receiver Tube or Hitch, carefully insert then use a 5/8" Pin and Clip (included with all Yost Multi Mount Receivers) to fully secure the Table.
- All Yost Multi Mount Receivers also include set screws to eliminate any free play between the Receiver and the Tube (**FIG 1**). Tighten set screws to reduce play but remember to loosen them before changing a Table.
- When bolting tools to the Tables you must use suitable hardware in a through-bolted configuration with washers, a lock washer or locking nut. Tighten the hardware securely and periodically check the tightness of the bolts, retightening if necessary.
- The Swivel Table has a unique, gear-locking design that indexes every 20°. To rotate, verify the Pin is not installed and the set screws are loose. Lift the table up approximately 1/4" and swivel it to the desired orientation then lower it and lock the gears together. Reinstall the Pin and tighten set screws to reduce play, if desired (**FIG 2**).

FIG. 1

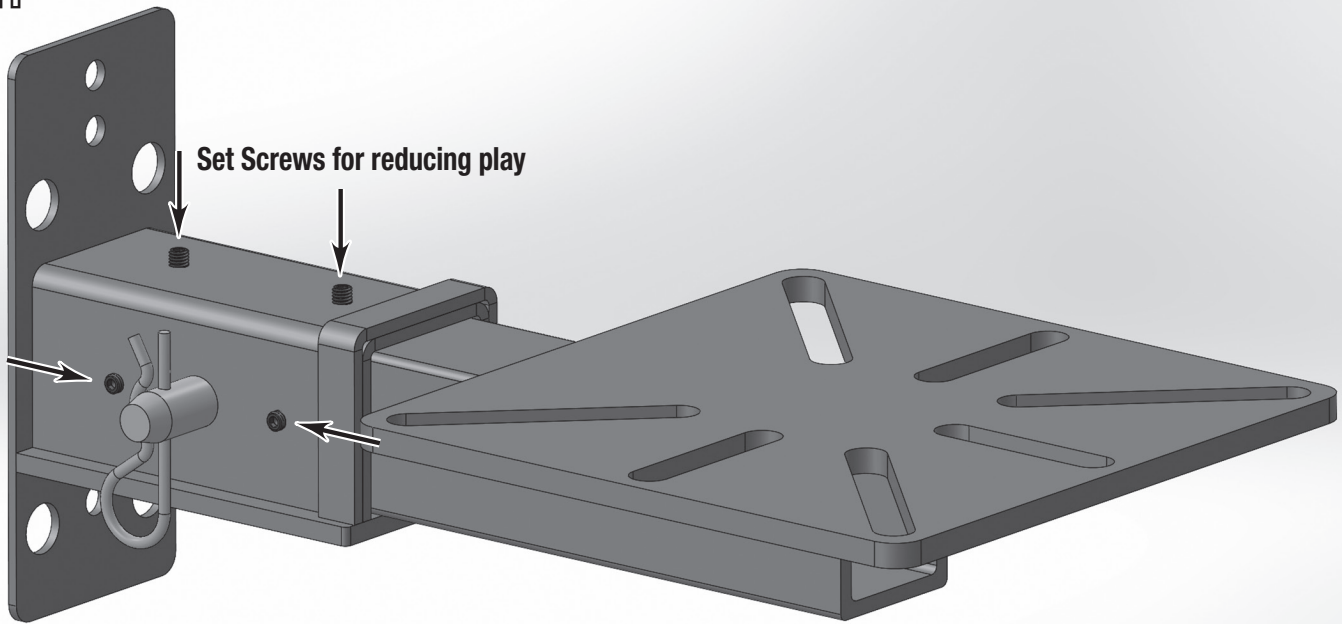
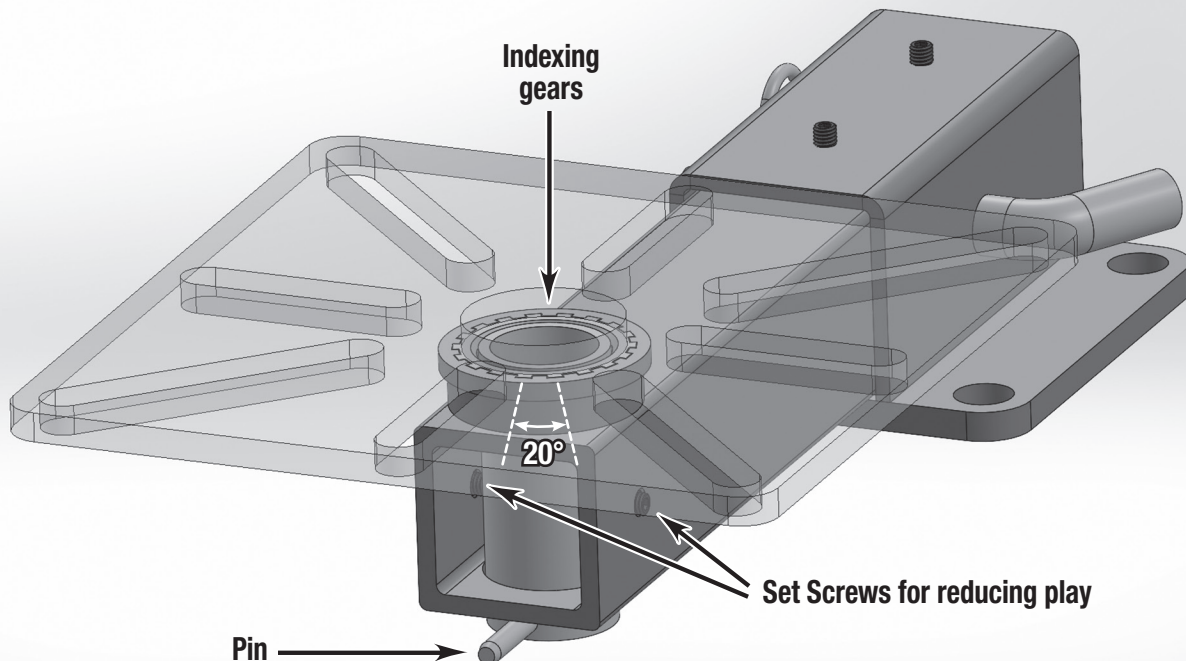


FIG. 2



COMMON CONFIGURATIONS



ADDITIONAL ITEMS

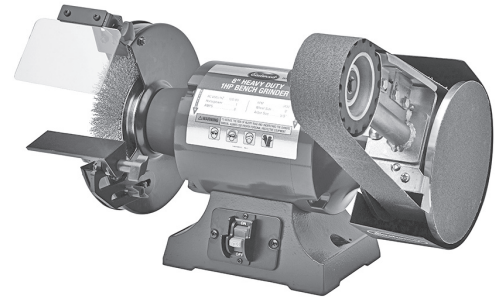
R&D MUST-HAVE ACCESSORIES



#20004
Strong Hand Tools Fixturing
and Setup Table



#11797
Eastwood Original
Throatless Shear



#98012
Eastwood Versa Grind 2 X 36 Belt
Grinder and 1 HP Bench Grinder Kit

Visit eastwood.com for complete info and pricing.



If you have any questions about the use of this product, please contact
Yost Technical Assistance Service Department: 800.343.9353 >> email: help@yostvises.com

PDF version of this manual is available at yostvises.com
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