ECLIPSE
PROFESSIONAL TOOLS

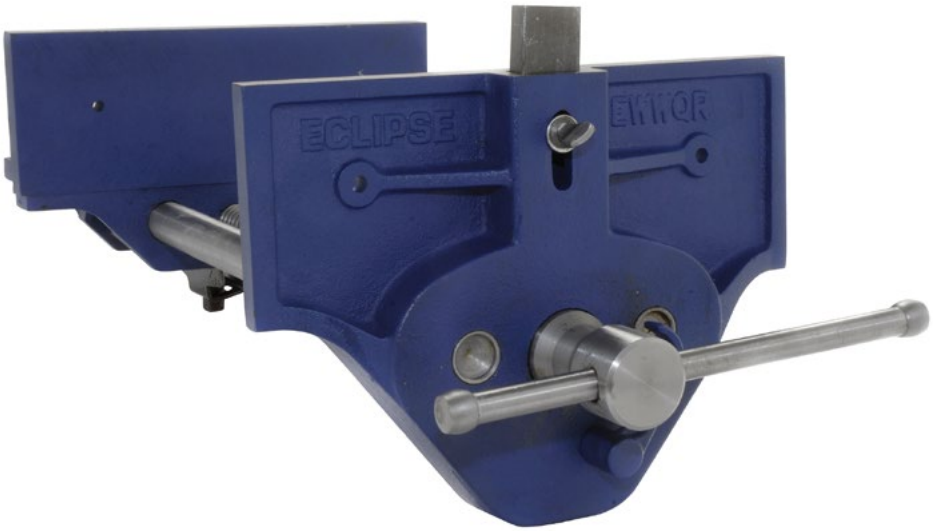
Woodworking Vice Manual

THE TOOLS **TO TRUST**

Spear & Jackson
Since 1760

EC-EWWQR
Warnings

Thank you for purchasing a Eclipse Quick Released Woodworking Vice!
Below is important information about your vice.



WARNING

1. ALWAYS make sure bench tops are properly secured.
2. ALWAYS use proper nuts, bolts and lock washers in all mounting holes, to hold bench vice down.
3. ALWAYS use vice of proper size and capacity to hold work object.
4. ALWAYS wear eye, face, and ear protection when striking or using power tools with a vice.
5. ALWAYS wear restrictive hair covering and anti-slip footwear while operating vice.
6. ALWAYS inspect vice for stress fatigue or damage to the vice before using.
7. ALWAYS maintain the vice – grease main screw regularly.
8. NEVER use a hammer, extension pipe, or cheater bar on spindle handle of vice.
9. NEVER weld base of vice to any metal object.
10. NEVER use a vice to press an object into or out of another object.
11. NEVER use and extension pipe to tighten handles of lockdowns.
12. NEVER place pressurized containers or combustible materials in vice.
13. NEVER apply extreme heat or prolong heat to the vice as it may alter structural properties.

EC-EWWQR
Operating & Mounting

Operating Instructions:

1. To open turn the vice handle counter clockwise. This will move the front jaw away from the stationary jaw.
2. To close turn the vice handle clockwise. This will move the front jaw closer to the stationary jaw
3. To use the quick release feature of this vice, move the lever toward the vice handle. This will disengage the nut and allow you to quickly open or close the vice.
4. The bench dog can be moved in position by loosening the finger bolt on the front of the vice.

There are several methods for mounting your vice to the work bench.

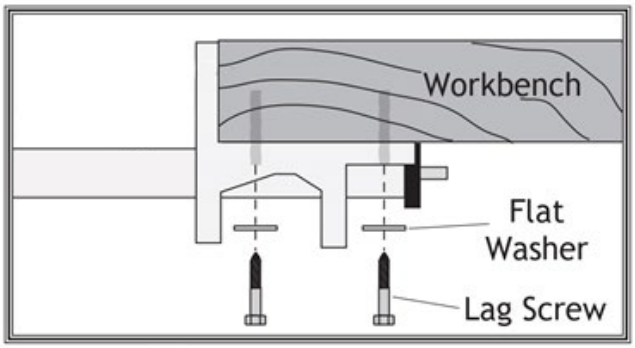


Figure 1 - Mounting vice to workbench without a Shim

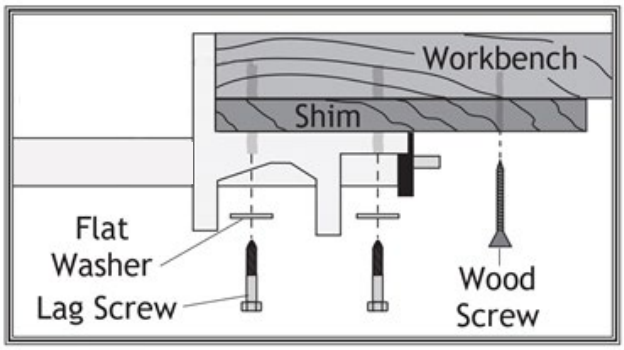
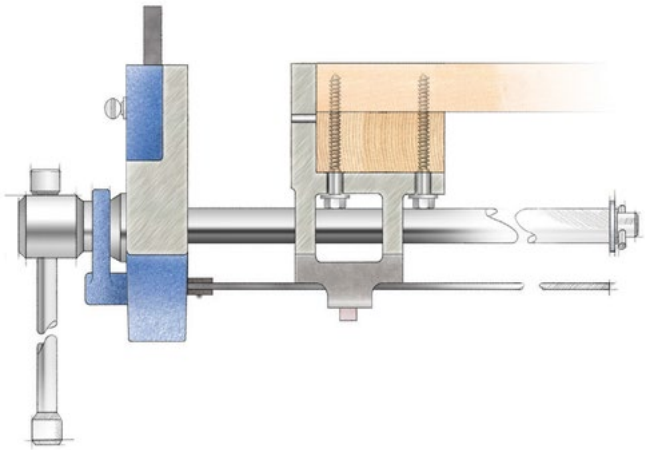


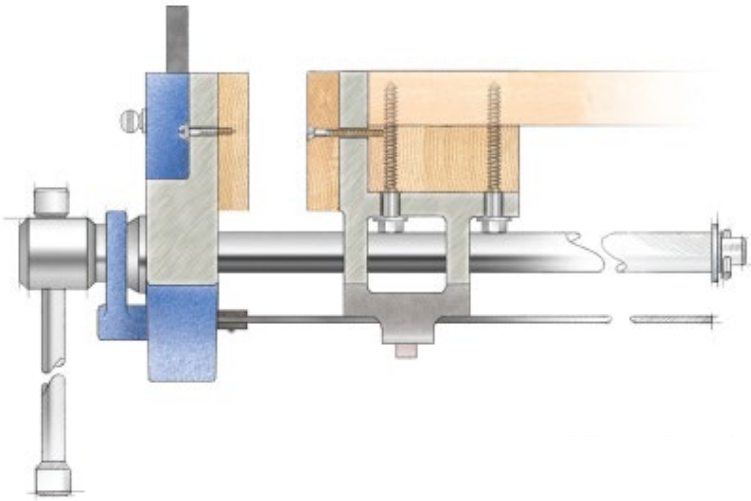
Figure 2 - Mounting vice to workbench with a Shim

Mounting Style A



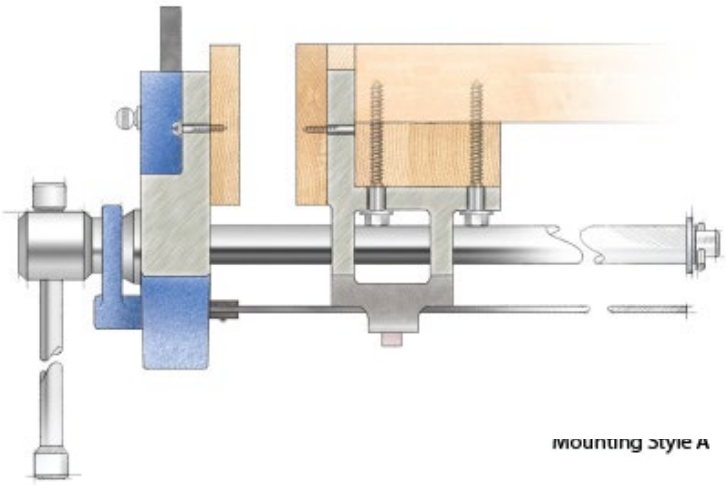
1. With the help of another person, hold the vice up against the workbench in the desired location. Mark the mounting holes with a pencil.
2. If the workbench is less than 2-3/8" thick, use a shim, as shown in *figure 2*, to adjust the workbench to 2-3/8" thick
3. Use a ¼" drill bit for drilling pilot holes in the work bench for the Lag Screws
4. Reinforce the vice to the workbench with the 4 lag screws (5/16" x 1-3/4" Lag screw and 5/16" washer)
5. If you are using a shim make sure that the lag screws go completely through the shim and into the workbench.
6. For extra support, you can use screws to secure the front of the vice to the workbench. The front holes are not counter-sunk, so you will need to attach a woodfacing so that the screws do not damage your work-piece.

Mounting Style B



1. With the help of another person, hold the vice up against the workbench in the desired location. Mark the mountings holes with a pencil.
2. If the workbench is less than 2-3/8” thick, use a shim, as shown in figure 2, to adjust the workbench to 2-3/8” thick
3. Use a ¼” drill bit for drilling pilot holes in the work bench for the Lag Screws
4. Mount the vice to the workbench with the 4 lag screws (5/16” x 1-3/4” Lag screw and 5/16” Washer)
5. If you are using a shim make sure that the lag screws go completely through the shim and into the workbench.
6. Attach wood jaw facings. For the stationary jaw, wooded jaw facings should be pre-drilled using a 1/8” drill bit. Counter-sink the drilled hole to allow the woodscrews to fit into the jaw. You want to make sure that the screws do not stick out past the wooden jaw facing, as this will damage your work piece when clamping with the vice.

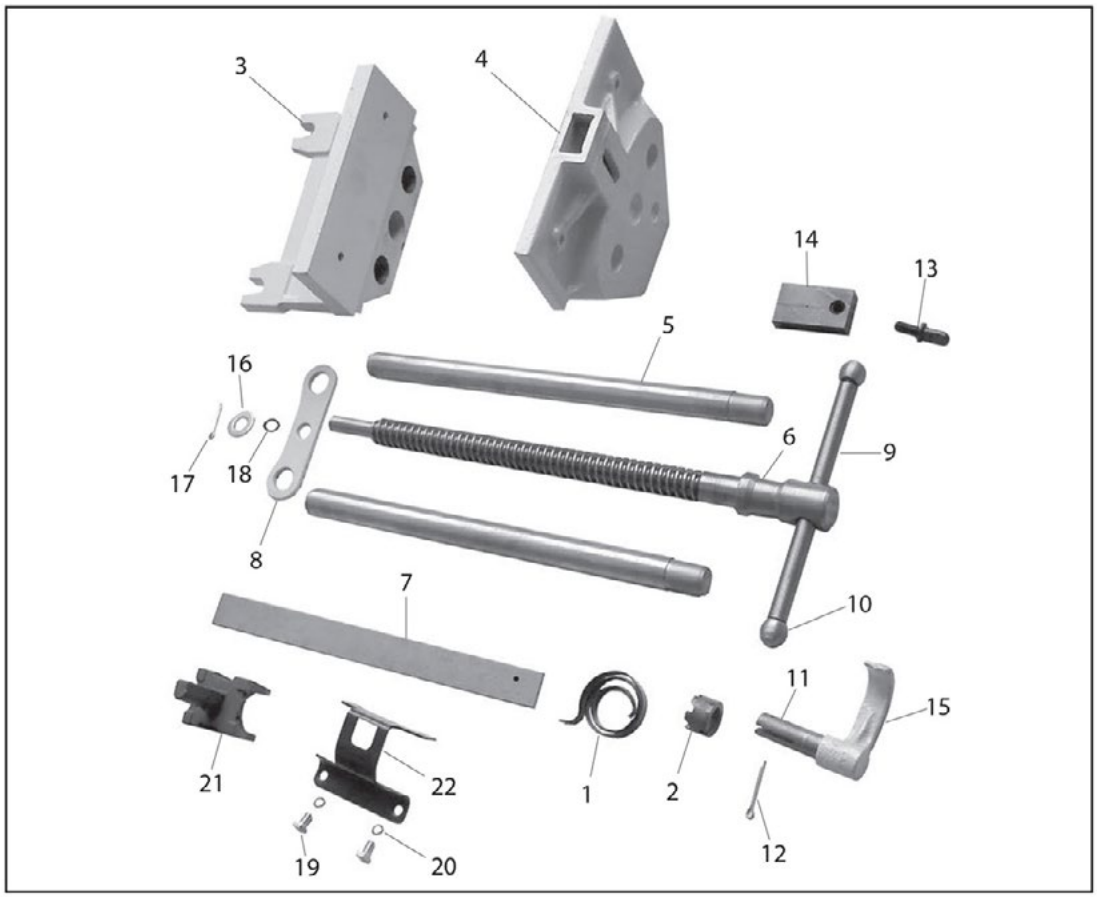
Mounting Style C



1. With the help of another person, hold the vice up against the workbench in the desired location. Mark the mountings holes with a pencil.
2. If the workbench is less than 2-3/8” thick, use a shim, as shown in figure 2, to adjust the workbench to 2-3/8” thick
3. Use a ¼” drill bit for drilling pilot holes in the work bench for the Lag Screws
4. Mount the wooden jaw to the stationary jaw of the vice. Shown in the figure to the, the wooden jaws for this purpose are taller than the vice. This is for extra clamping capacity.
5. Reinforce the vice to the workbench with the 4 lag screws (5/16” x 1-3/4” Lag screw and 5/16” Washer)
6. If you are using a shim make sure that the lag screws go completely through the shim and into the workbench.

Maintaining your Vice

1. Apply dry graphite or silicon based lubricant to the main screw to keep it operating smoothly and prevents any sawdust from building up in the threads.
2. If saw dust does build up on the vice threads, use a blade or bit cleaner to remove the built up dust.



Parts List

1. Flat Coil Spring
2. Nut
3. Back Jaw
4. Front Jaw
5. Guide Rod (2)
6. Main Screw
7. Torsion Bar
8. Back Stop
9. Main Handle
10. Balled End (2)
11. Retaining Rod
12. Pin
13. Finger Bolt
14. Vice Dog
15. Lever
16. Washer
17. Cotter Pin
18. Washer -Wavy
19. Hex Bolt (2)
20. Washer (2)
21. Half Nut
22. Nut Housing

ECLIPSE

EC-EWWQR MANUAL & SERVICE GUIDE

These products are guaranteed against defects in manufacturing, subject to wear and tear and the provision of reasonable care and maintenance.

This does not affect your statutory rights.

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