Jayne Redman Rotational Bench Pin System™

A1. Rotating standard base showing underside of work surface mounting bracket with large socket-head screw used to connect the base and the rotation plate and to adjust the rotation of the work surface.

A2. Rotating GRS adapter base showing top side of work surface mounting bracket attached to a GRS adapter plate (also with a large socket-head screw that allows for adjusting rotation). **Note:** The GRS adapter base requires a GRS mounting plate (A3), which you may already own if you have a GRS Benchmate system but is also available separately.

A3. GRS Benchmate mounting plate (sold separately).

B. Aluminum work surface, 6” x 5”

C. Purple heart wood work surface (showing slanted side), 6” x 5”

D. Large hex wrench

E. Small hex wrench

F. Short flat-head hex screws

G. Long flat-head hex screws

H. Phillips-head screws

I. Socket-head screw and washer, 3/8”

J. GRS Adapter

K. Universal mounting bracket
Assembly Instructions:

1. If your kit has a rotating standard base, attach the base (A1) to your bench top with Phillips head screws (H) through countersunk holes. Phillips head screws require the use of a Phillips screwdriver (not included).

2. If your kit has a rotating GRS adapter base, slide the base (A2) onto your GRS Benchmate mounting plate (A3).
   Please note: If you already have a GRS Benchmate system, the plate will already be attached to your bench. If you do not have the Benchmate system, this mounting plate is available separately and should be attached to your bench with the hardware that comes included with the mounting plate.
   Loosen and tighten the socket head screws attaching dovetailed positioning blocks with small hex wrench (E) as necessary to fit the adapter base to the mounting plate securely.

3. To attach the aluminum work surface (B) to the work surface mounting bracket on either base (A1 or A2), use the short flat-head hex screws (F) and screw them into the threaded holes provided. Tighten them with the small hex wrench (E).
   To attach the purple heart wood work surface (C) to the work surface mounting bracket on either base (A1 or A2), use the long flat-head hex screws (G) and screw them into the threaded holes provided. Tighten them with the small hex wrench (E). Note: The purple heart wood surface offers one slanted side and one flat side; either can be used as a work surface.

4. Use large hex wrench (D) to tighten or loosen the large socket head screw (shown in A1) to adjust the angle position of the bench pin or to remove the work surface mounting bracket from the base. Turn the hex wrench clockwise to tighten, counter-clockwise to loosen.

5. A single universal mounting bracket (K) is ideal for creating a stationary side-mounted base. Mount the table mount side of the bracket (which has five smooth holes) against the side of your bench top and level with the bench surface. Attach the bracket using wood screws in the four smaller outside holes (leave the center hole clear). Then attach either work surface to the work surface side of the bracket (which has four countersunk holes) using the flat-head hex screws (F or G, as appropriate).

In this photo, the standard base is shown rotated with the aluminum bench pin and work surface attached to it. On either base, loosen the large socket head screw underneath the work surface mounting bracket to adjust, then secure, the angle of rotation you need for any particular task.