

## RADDLE (optional equipment)

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The Raddle (#41) is inserted into the holes in the back edge of the rear vertical side frame members (see Figure #1 for relative position). These holes are used to mount the raddle for warping both the standard beam and the second beam. Be certain that the removable portion of the raddle is to the top. Once mounted into the holes, the raddle is not only held firmly in place, but is also perfectly centered and can be left in place while weaving.

## TENSION BOX (optional equipment)

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Locate your tension box track, hardware, and tension box (refer back to Figure #16).

### 1.) Mounting the Track Arms

If you have ordered a sectional beam and have been following the directions, you'll have already mounted the tension box track arm mounting studs. If you ordered a tension box and no sectional beam, here's how to install the track arms.

Locate the four 5/16" x 2 1/2" carriage bolts, black discs and bushings, washers, and hex nuts. Insert the bolt through the hole in the black disc so that the square part under the head of the bolt makes contact with the countersunk portion of the disc. Slide the black bushing onto the bolt. Now install this assembly from the outside of the loom through one of the two holes provided on either rear vertical as shown in the drawing. Slip the washer and nut on the inside of the loom frame and tighten with a 1/2" socket wrench. Repeat this process with the three remaining bolts.

### 2.) Mounting the Track

Now mount the track to the brackets on the track arms using the four 5/16" x 2 1/2" hex bolts, washers, and square nuts. Orient the track so that the lengthwise groove is on top. You may wish to refer back to Figure #16 to clarify this procedure.

### 3.) Mounting the Tension Box

The AVL tension box track mounting system now employs a quick release advantage. To install the track / arm assembly you simply place the track arms between the two externally mounted studs that you attached to each rear vertical of the loom earlier. The track arms should initially go in at an angle with the front stud fit into the notch on the upper edge of the track arm. Then lower the track / arm assembly to a horizontal position at which point the lower notch on the track arm should align with the rear stud. This will hold your tension box in place while warping your loom. When you are finished with the tension box, the track can be removed easily if it is in the way while you are weaving.