Assembly and Operation Instructions
510 Series Seat

1. Seat Assembly
   a. The bottom cushion and the back cushion each have 4 mounting bolts already started into them.
   b. Place the bottom of the seat bottom cushion on the keyholes in the steel seat frame – aligning the 4 mounting bolts through the 4 keyhole slots in the seat frame (the long edge of the seat bottom cushion goes towards the front of the seat) – see Figure 1. Slide the seat bottom cushion back in the keyhole slots in the steel frame and tighten the 4 mounting bolts.
   c. Place the back of the seat back cushion on the keyholes in the steel seat frame – aligning the 4 mounting bolts through the 4 keyhole slots in the seat frame (the raised area of the seat back cushion goes up) – see Figure 2. Slide the seat back cushion down in the keyhole slots in the steel frame and tighten the 4 mounting bolts (there are 2 cutouts in the back of the steel frame to give you access to the lower 2 mounting bolts).

2. Seat Mounting
   a. There are multiple holes and slots in the base of the seat frame that can be used for mounting the seat to the equipment – see Figure 3.
   b. If you need to remove the seat mounting plate from the steel seat frame to simplify mounting, first remove the seat slide stop bolt – see Figure 4. Doing so will allow you to remove the seat mounting plate. When doing this, make sure you do not lose the 4 seat mount plate slide guides – see Figure 3. The seat slide stop bolt is an 8mm x 1.25mm x 20mm long.
      NOTE: If you remove this bolt, it must be reinstalled prior to using the seat.

3. Seat Operation
   a. To adjust the seat position front-to-back, raise the seat slide release lever (lower left side – see Figure 5) and slide the seat to the desired position. There are multiple detents available to lock the seat into the desired position.
   b. To adjust the seat suspension weight setting, turn the weight adjustment knob on the top of the back of the seat frame – see Figure 6. There is a scale on the back of the seat frame (just below the knob – see Figure 6) that will give you an idea of where in the weight adjustment range you are at.
   c. There are 3 different positions that the seat angle can be set to. To adjust the angle of the seat, remove the 2 bolts in the side adjustment plates (one on each side of the seat frame – see Figures 7 & 8) and adjust the seat to the angle desired. Once adjusted, reinstall and tighten these 2 bolts.
      NOTE: These 2 bolts must be tightened prior to use – even if you are not changing the current seat angle.