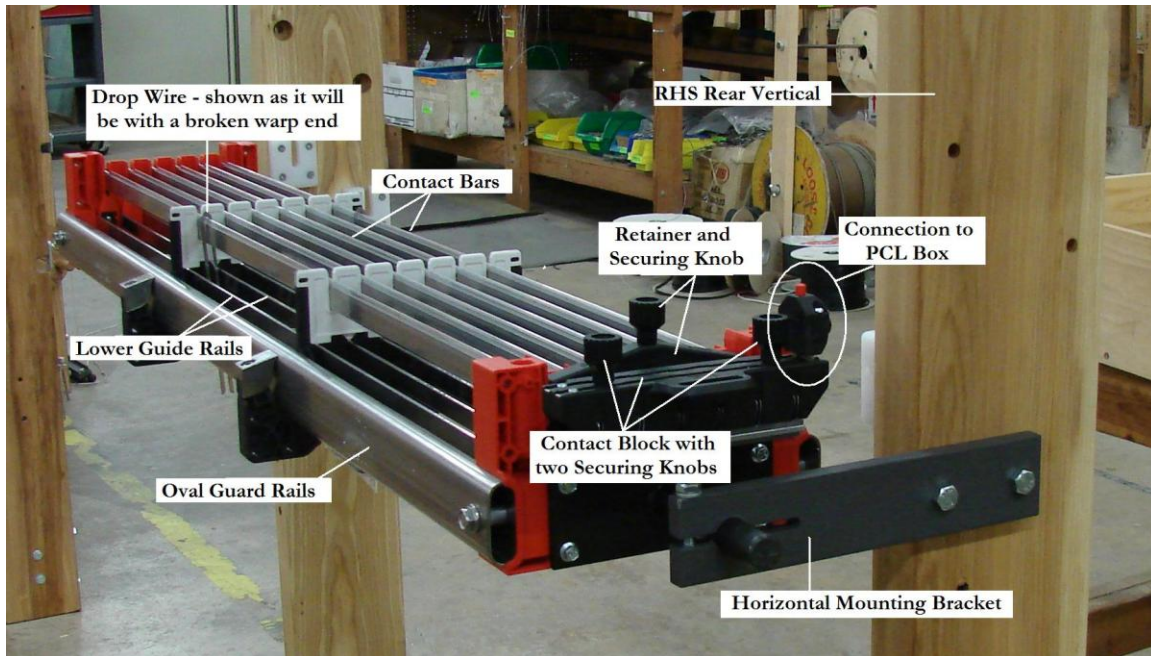


AVL Looms, Inc.

IDL Drop Wire Operations

1. As with all warping operations, **be sure the power is off.**
2. **Remove the Retainer**, located at the right side of the unit. Remove the Knob at the center top and lift the Retainer up and out.



3. **Remove the Contact Block** from the same end of the unit, by unscrewing the two Knobs, and then lifting the Block off the unit.
4. **Remove all six (6) long Contact Bars** that are held in place by the vertical plastic supports, lifting them out of their respective slots. Note that the top edge of each Bar has a coated insert and looks different from the bottom, which has a smooth, curved surface. It is critical that the Contact Bars, when returned to their slots, be put back in the same position during the final stages of this set-up process. See Step 6, below.
4. **Warp and thread the loom.** When the warp is threaded its path will just clear the tops of the Front and Back Oval Guard Rails.
5. **Install the Drop Wires.** Hang a Drop Wire onto each warp end, insuring that the two tips of the Wire are falling into one of the six (6) spaces between the Oval and Lower Guide Rails. The drop wires should be installed in a consecutive manner, for example, the first drop wire should mount on the first end, and hanging into the front most space, created by the Oval and first Guide Rails. The second Wire will then mount on the next (7th warp thread) thread, dropping into the second space, behind the previously installed Wire and the third wire will mount on the third thread, dropping into the third space from the front, and so on. The seventh wire/heddle will drop into the first/front space.

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IDL Drop Wire Operations

Continue across the warp, catching each warp end, in sequence at the heddles and in the Guide Rail spaces, so the warp ends/Wires are distributed evenly across the unit.

6. Insert the Contact Bars. Position the first Contact Bar to be installed, with the coated/insert edge pointing up (See Step 4, above). Run the Bar through the top of each Wire as it presents in the order of the warp and respective Guide Rail space. The Wire of every 6th end in the front Guide Rail space will need to be trapped on the Bar by the eye of the Wire as it is slipped onto the Guide. When all Wires in the respective slot have been captured, make sure the ends of the Bar are in the support slots at each end of the unit.

7. Replace the Contact Block and secure it with the two Knobs.

8. Replace the Retainer and secure it with the central Knob.

9. Attach the Power Cord at the corner prongs.

10. When the Power to the loom is turned on, the unit will be fully operational.

Breakage of a warp end will allow the Wire to drop and make connection with the top of the Contact Bar, shutting down the power and bringing the entire loom to a stop.

11. Repair the warp end and restart the loom.

12. System Test – the Drop Wire System can be tested when the unit is completely set up (Steps 1-10). Push down on the Red Button located on top of the PCL Connection. This will close the circuit and shut off the loom as if an end had been broken.