

X-Axis Digital Scale Installation

X-Axis Digital Scale Installation

- Remove the rules from the front of the Box Beam. Remove the Dust Collection Chute.
- Loosen the Slotted Wire Tension Block at the right end of the Sliding Bar. *See Fig.2* Start by loosening Screws marked A. Then Turn Screw B counterclockwise to allow the Slotted Wire Tension Block to move. Do not loosen the screws on the Fixed Block.
- Loosen Wire Tension B Block at the left end of the Sliding Bar and remove the cable from it.
- Remove Wire Tension B Block.
- Remove the wire from the Slotted Wire Tension Block and set it aside.
- Remove the button head screws with ¼" standoffs from the rear face of the sliding bar. Retain the standoffs.
- Loosen the six screws on the front of the Box Beam holding the Upper V-Tracks.
- Slide the Sliding Bar to the right out of the Box Beam. Set it aside.
- Install the Reader Clip inside the Box Beam between the Stops using two button head screws. *See Fig.4* Do not tighten the screws completely.
- Install the Digital Display on the top of the Box Beam. Thread the wire through the center hole and lead it behind the shaft with the spool on it.
- Attach self adhesive clips to the rear wall of the Box Beam channel, coil the excess wire from the Digital Display and attach it to the clips. Leave enough wire to reach the Reader Block when the Sliding Bar is reinstalled.
- Install the Reader Stop Pin on the underside of the Reader Block. *Fig.3*
- With the Reader Block near the center of the Reader Bar, place Reader Stop Pin in the Reader Clip. The Reader Assembly will balance in the reader clip. *Fig.5*
- Slide the Sliding Bar into the Box Beam from the right side.
- Tighten the screws that hold the upper V-Tracks while applying gentle downward pressure on the screws to remove the play in the sliding bar.
- Attach the Reader Bar to the back of the Sliding Bar with flat head screws. Ensure the ¼" standoffs are installed between the Reader Bar and the Sliding Bar. Slide the Sliding Bar and the Reader Bar as needed to gain access with the driver. Make sure the Reader Pin remains in the Reader Clip.
- Slide the Sliding Bar fully right so the standoff is up against the Stop. Tighten the screws on the Reader Clip. Use long nose pliers to pinch the Reader Clip on the Reader Stop Pin as you tighten the screws. Use Caution to avoid forcing the Reader Block forward or back. *It is important to make sure the Reader Bar is not flexed when tightening the screws on the Reader Clip. If the bar is not straight, binding and damage may occur.*
- Plug the Reader wire into the Reader Block.
- Reinstall the Wire Tension B Block. Leave the screws slightly loose.
- Reinstall the cable. See Page 3

X-Axis Digital Scale Installation

Fig.1

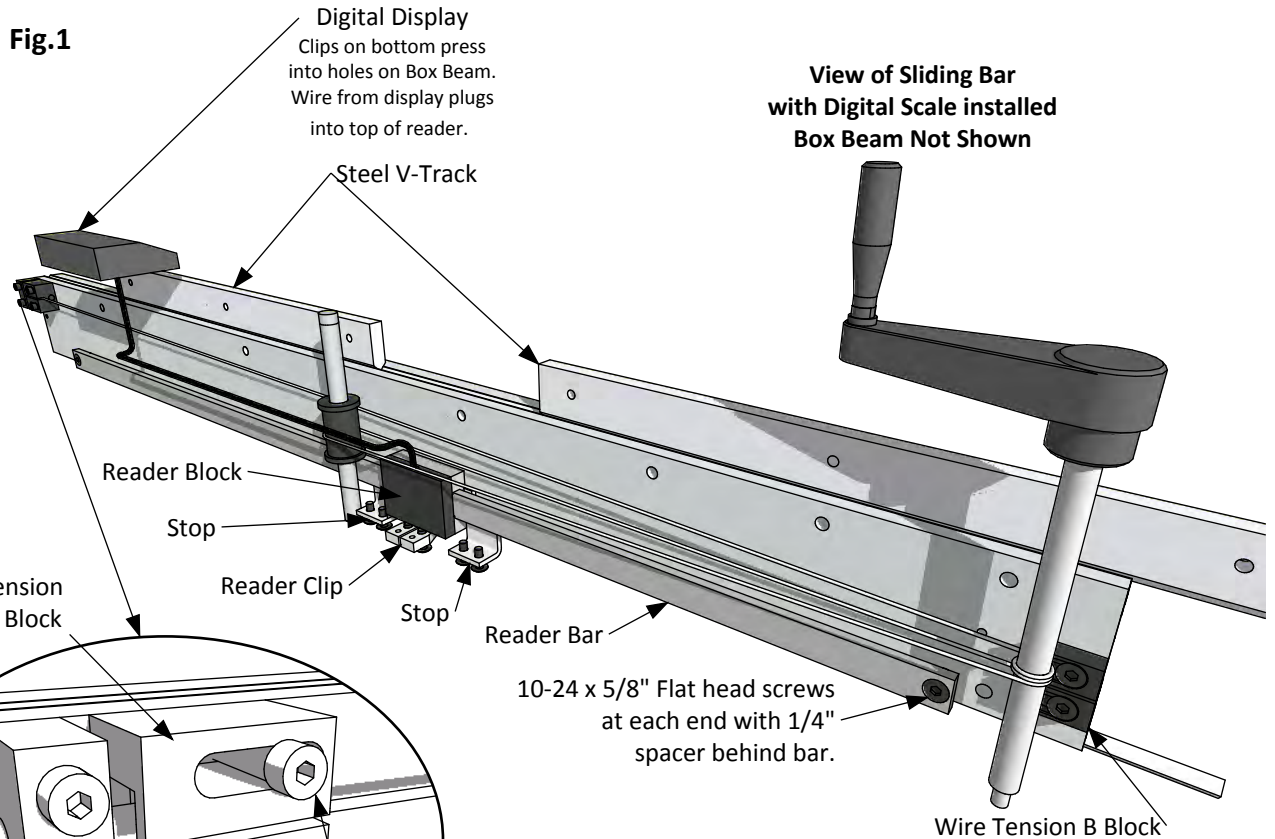


Fig.2

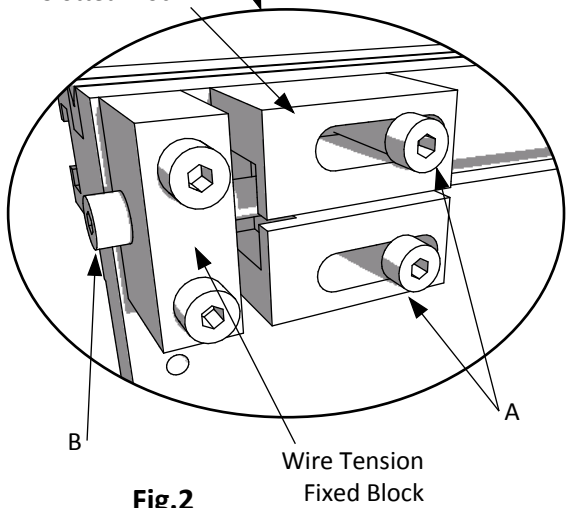


Fig.3

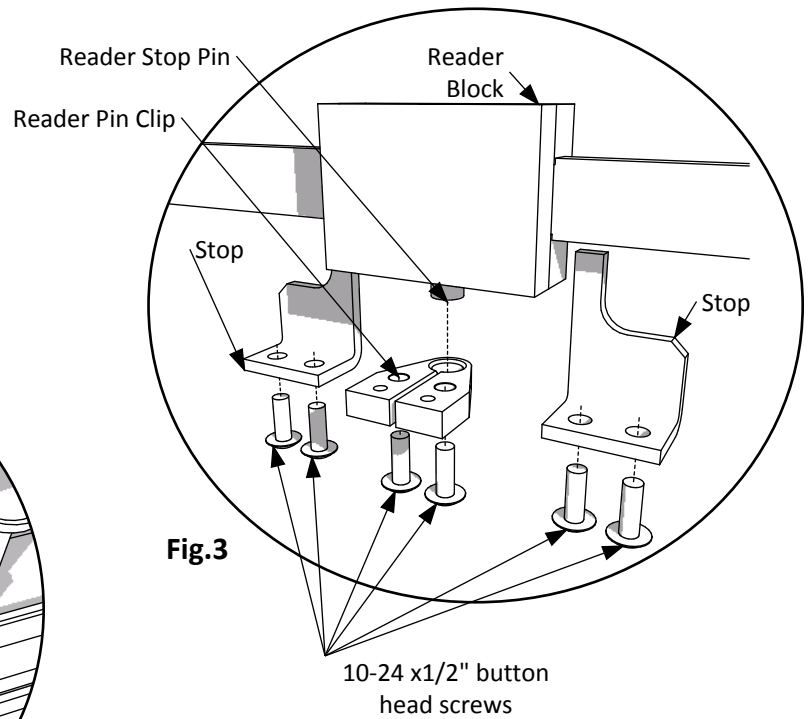
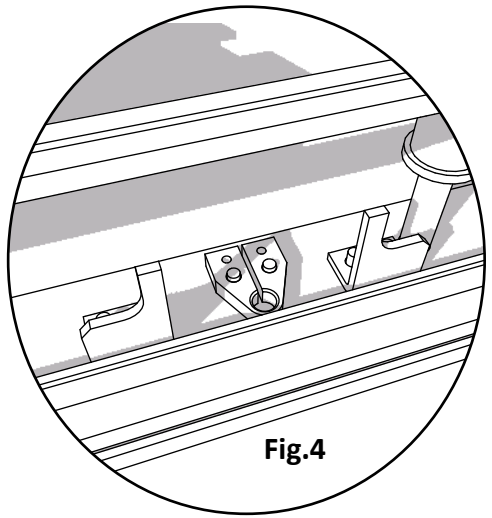
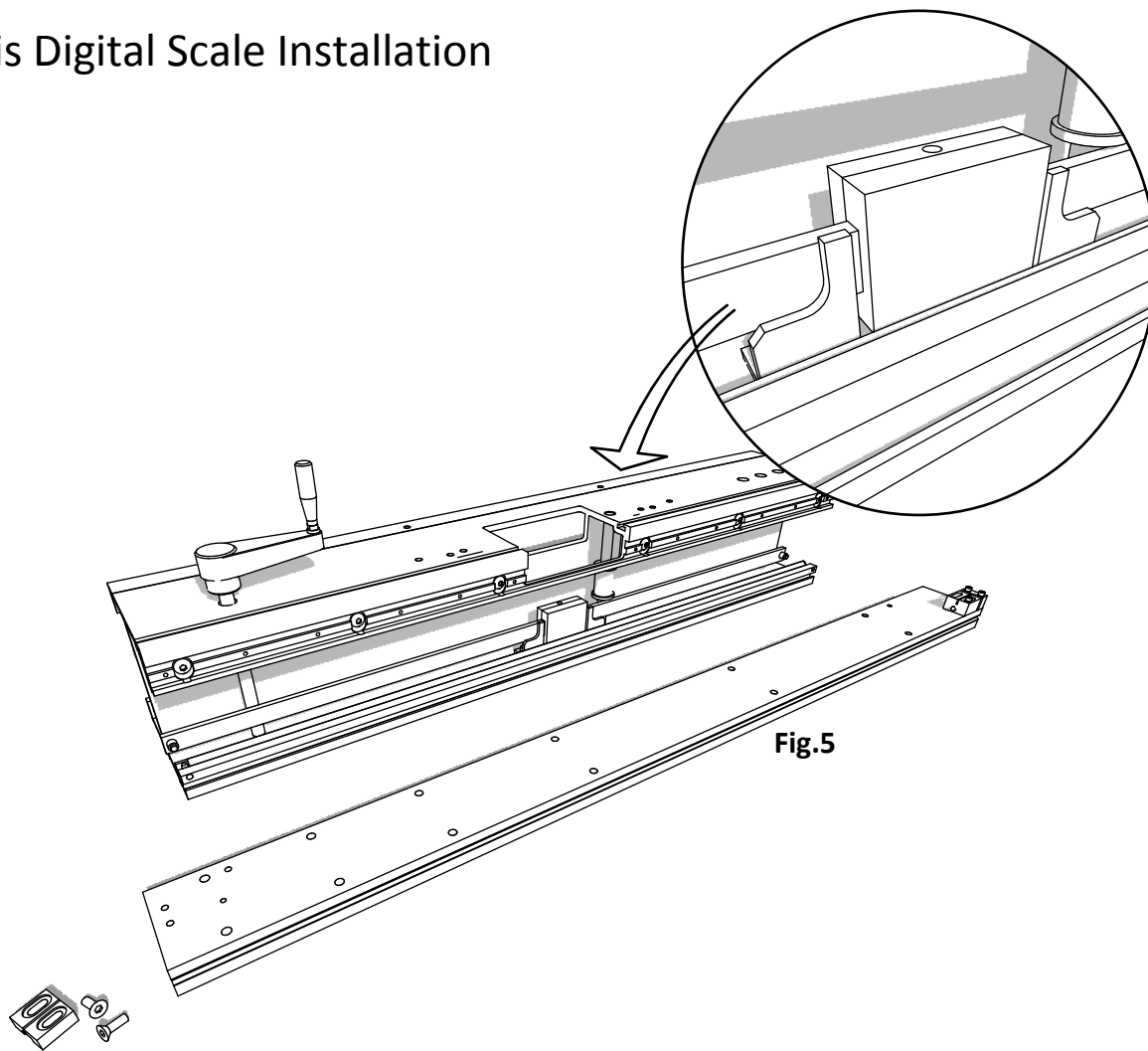


Fig.4



X-Axis Digital Scale Installation



Cable Installation

- Insert the end of the cable into Wire Tension B Block.
- Lead the Cable counterclockwise around the Pulley and back to the Crankshaft.
- Pass the wire two and a half times around the Crankshaft and then to the Wire Tension Slotted Block.
- Ensure the cable does not cross over itself on the Crankshaft.
- Tighten the screws in Wire Tension B Block and then tension the cable with the adjusting screw on the right end of the sliding bar. If necessary, slide the B Block out to increase tension. The cable is tight enough when the sliding bar does not move with gentle pressure on the end of the Sliding Bar.
- Check for proper operation by cranking the sliding bar left and right a few times.

