

INSTALLATION INSTRUCTIONS FOR RIG-I-FLEX ADC MODELS 142 & 142-R WALK-DRAW SYSTEMS

NOTE: IF THE TRACK IS TO BE CURVED OR CUT, DO SO FIRST. BE SURE TO FILE ALL CUT ENDS AND REMOVE ALL BURS AND FILINGS FROM TRACK, AS THEY CAN CAUSE BINDING AND PREMATURE WEAR ON THE CARRIERS. IF CUTTING IS REQUIRED, THEN IT WILL BE NECESSARY TO REDRILL THE HOLES FOR THE SPLICE CLAMPS. IF REDRILLING OF THE SPLICE HOLES IS REQUIRED, MAKE SURE THAT THE TRACK SECTIONS ARE PROPERLY ALIGNED BEFORE DRILLING.

I. SUSPENDED INSTALLATIONS:

HANGING CLAMPS ARE USED FOR THIS TYPE OF INSTALLATION, THEY CAN BE MOUNTED TO THE TRACK AT THIS TIME. THE MAXIMUM RECOMMENDED SPACE BETWEEN HANGING CLAMPS IS 4 FEET. ADDITIONAL CLAMPS ARE REQUIRED AT CURVES AND SPLICES.

1. PLACE THE TRACK AND CURVES (IF USED) ON THE FLOOR, OR A STABLE SUPPORT FOR ASSEMBLY.
2. IF A CENTER OVERLAP IS DESIRED, OVERLAP THE TRACKS BY THE AMOUNT DESIRED AND ATTACH THE LAP CLAMPS TO THE TRACK. NOTE THAT A MINIMUM OF 2 LAP CLAMPS SHOULD BE USED.
3. CHECK ALL CUT TRACK ENDS FOR BURRS AND FILE IF NEEDED. MAKE ALL SPLICES AT THIS TIME. SEE SPLICING INSTRUCTIONS AND DRAWINGS FOR TRACK BEING USED. SPLICE BARS FOR THE MODEL 1400 TRACK FIT IN THE AREA BETWEEN THE MIDDLE AND TOP FLANGE OF THE TRACK., ONE BAR ON EACH SIDE. BE SURE TO CHECK ALIGNMENT OF TRACK VERTICAL AND HORIZONTAL COMPONENTS AT THE SPLICE.
4. INSERT THE SINGLE AND MASTER CARRIER INTO THE TRACK SECTIONS. THE MASTER CARRIERS NEED TO BE BETWEEN THE CENTER OVERLAP END OF THE SECTION AND THE SINGLE CARRIERS.
5. INSTALL END STOPS TO ALL OPEN ENDS OF THE TRACK SYSTEM WITH THE HARDWARE PROVIDED.
6. LOCATE THE POSITIONS FOR THE HANGING CLAMPS AND SECURE THEM TO THE TRACK WITH THE HARDWARE PROVIDED. NOTE: THAT HANGING CLAMPS SHOULD BE PLACED ON EITHER SIDE OF, AND AS CLOSE TO, SPLICES AS POSSIBLE. ALSO, HANGING CLAMPS SHOULD BE LOCATED BEFORE AND AFTER CURVES IF THE RADII ARE SMALL, AND ALONG THE CURVE IF THE RADII ARE LARGE.
7. IT MAY BE DESIRABLE TO ATTACH CHAINS BETWEEN CARRIERS, ESPECIALLY ON LONG TRACKS, OR ON TRACKS WITH HEAVY CURTAINS WHERE CURTAINS WILL BE PULLED FROM EITHER END. THE CHAINS WILL RELIEVE THE STRAIN ON THE TOP OF THE CURTAIN. IT IS OFTEN EASIER TO PUSH THE FOLDED CURTAIN AROUND CURVES RATHER THAN PULL IT AROUND THE CURVE FROM ONE END.

II. CEILING MOUNT INSTALLATIONS: THIS TYPE OF MOUNTING CAN BE INSTALLED ONE OF

TWO WAYS.

TYPE 1. LOOSELY ATTACH THE CEILING CLAMP'S BASE PLATE TO THE TRACK WITH THE SIDE PRESSURE PLATES PROVIDED. THE CLAMPS CAN BE INSTALLED ON THE TRACK ON THE GROUND AND SLID TO THE PROPER MOUNTING POSITION WHEN THE TRACK IS LIFTED INTO PLACE. ONCE IN POSITION THE BASE PLATE IS FIXED TO THE CEILING USING THE TWO OUTSIDE MOUNTING HOLES. ONCE THE BASE PLATE IS BOLTED TO THE CEILING, THE SIDE PRESSURE PLATE BOLTS ARE TIGHTENED.


TYPE 2. SCRIBE A LINE ON THE CEILING THAT FOLLOWS THE TRACK CENTERLINE. MOUNT THE BASE PLATES TO THE CEILING, CENTERING THEM ON THE LINE. USE THE CENTER, COUNTER SUNK HOLE TO MOUNT THE BASE PLATE. LIFT TRACK INTO POSITION AND SECURE IT TO THE CEILING CLAMP USING THE SIDE PRESSURE PLATES PROVIDED.

1. PLACE THE TRACK AND CURVES (IF USED) ON THE FLOOR, OR A STABLE SUPPORT FOR ASSEMBLY.
2. IF A CENTER OVERLAP IS DESIRED, OVERLAP THE TRACKS BY THE AMOUNT DESIRED AND MARK TRACKS ON BOTTOM FLANGE WITH END LOCATION OF OPPOSITE TRACK.
3. CHECK ALL CUT TRACK ENDS FOR BURRS AND FILE IF NEEDED. MAKE ALL SPLICES AT THIS TIME. SEE SPLICING INSTRUCTIONS AND DRAWINGS FOR TRACK BEING USED. SPLICE BARS FOR THE MODEL 4200 TRACK FIT IN THE AREA BETWEEN THE MIDDLE AND TOP FLANGE OF THE TRACK., ONE BAR ON EACH SIDE. BE SURE TO CHECK ALIGNMENT OF TRACK VERTICAL AND HORIZONTAL COMPONENTS AT THE SPLICE.
4. INSERT THE SINGLE AND MASTER CARRIER INTO THE TRACK SECTIONS. THE MASTER CARRIERS NEED TO BE BETWEEN THE CENTER OVERLAP END OF THE SECTION AND THE SINGLE CARRIERS.
5. INSTALL END STOPS TO ALL OPEN ENDS OF THE TRACK SYSTEM WITH THE HARDWARE PROVIDED.
6. LOCATE THE POSITIONS FOR THE CEILING CLAMPS ACCORDING TO THE INFORMATION PROVIDED ABOVE AND SECURE THEM TO THE TRACK WITH THE HARDWARE PROVIDED. NOTE: THAT CEILING CLAMPS SHOULD BE PLACED ON EITHER SIDE OF, AND AS CLOSE TO, SPLICES AS POSSIBLE. ALSO, CEILING CLAMPS SHOULD BE LOCATED BEFORE AND AFTER CURVES IF THE RADII ARE SMALL, AND ALONG THE CURVE IF THE RADII ARE LARGE.
7. IT MAY BE DESIRABLE TO ATTACH CHAINS BETWEEN CARRIERS, ESPECIALLY ON LONG TRACKS, OR ON TRACKS WITH HEAVY CURTAINS WHERE CURTAINS WILL BE PULLED FROM EITHER END. THE CHAINS WILL RELIEVE THE STRAIN ON THE TOP OF THE CURTAIN. IT IS OFTEN EASIER TO PUSH THE FOLDED CURTAIN AROUND CURVES RATHER THAN PULL IT AROUND THE CURVE FROM ONE END.

IMPORTANT NOTES:

- IT IS ESSENTIAL THAT THE TRACK BE PROPERLY ALIGNED WHEN MOUNTED AND SPLICED. IF THE TRACK IS NOT ALIGNED, THE CARRIERS WILL NOT TRAVEL PROPERLY, ESPECIALLY AT THE SPLICE JOINTS.
- IF THE TRACK IS NOT A CLOSED LOOP, THE CARRIERS MAY BE ADDED AFTER THE TRACK IS INSTALLED. IF IT IS A CLOSED LOOP, THE CARRIERS MUST BE ADDED BEFORE THE FINAL SECTION OF TRACK IS SPLICED.
- FOUR WHEELED MASTER CARRIERS SHOULD BE USED ON ALL LEADING EDGES OF THE CURTAIN. USING MASTER CARRIERS ON THE LEADING EDGES OF THE CURTAIN WILL HELP ELIMINATE THE TIPPING TENDENCY OF THE CARRIERS AND MAKE FOR A SMOOTHER OPERATION.
- END STOPS MUST BE ADDED AT ALL TRACK ENDS TO ENSURE SAFE OPERATION. A BATON OR TOW LINE SHOULD BE ATTACHED TO ALL LEADING EDGE MASTER CARRIERS.
- A 1 1/4" PIPE BATTEN BACK-BONE OR EQUIVALENT IS RECOMMENDED FOR ALL SUSPENDED TRACKS TO REDUCE SWAY AND PROVIDE ADDITIONAL SUPPORT FOR THE TRACK.

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