

## CABLE RUNWAY LADDER AND J-BOLT KIT

*Note: Each Ladder must be supported by two Cable Runway supports such as Crossplates, In-line Plates, Wall Support Kits and T-splice Kits.*

*The end of a Ladder must not cantilever more than 4' unsupported.*

1. Install Cable Runway Plates according to instructions.
2. Place the Cable Runway Ladder on a Crossplate or In-line Plate with the rails of the Ladder outboard of the slotted holes in the Plate. (Figure 1)
3. Insert a J-bolt into each slot so that the hook sets on the top of the rail of the Ladder. One J-bolt Kit is required per Ladder per Plate it intersects. (Figure 1)
4. Fasten a 5/16" split lock washer and 5/16-18 hex nut on the bottom of each J-bolt and tighten completely. The recommended applied torque is 1-2 ft-lbs. (Figure 1)
5. See respective instructions for mounting Ladder to supports other than Cable Runway Plates.

## CABLE RUNWAY TIE BOLT KIT

*Note: Tie Bolt Kits are used for leveling Ladders only; each Ladder must still be supported by two Cable Runway Plates or Wall Mount Kits.*

*Tie Bolt Kits should not be used to connect two Ladders cantilevered more than 4' each.*

1. If the end of the Cable Runway Ladder to be supported with a Tie Bolt Kit has been cut, use the Tie Bolt brackets as a template for marking the necessary hole locations. The side of the bracket with the single hole should be placed flush with the end of the Ladder and the hole diameter required in the Ladder is 0.332". (Figure 2)
2. Insert the 5/16-18x1 1/8" bolts through 5/16" ID flat washers and then through the two slots in the bracket and Ladder. Fasten each bolt with a 5/16" split lock washer and 5/16-18 hex nut. Repeat this process on the opposite side of the Ladder and on the Ladder to be connected. (Figure 2)
3. Insert the 6" threaded stud through the hole in one of the Tie Bolt brackets. If the gap between the ladder ends is greater than 1", assemble a 3/8" ID flat washer and a 3/8-16 hex nut and then a second nut and washer onto the stud between the two Tie Bolt brackets to be connected. Insert the end of the stud through the hole in the second Tie Bolt bracket. (Figure 3)

4. Adjust the position of the stud so that it is centered over the gap between the Ladders. Assemble a 3/8" ID flat washer and 3/8-16 hex nut to each end of the stud and tighten all nuts securely. (Figure 3)
5. Repeat on the adjacent Ladder joint.

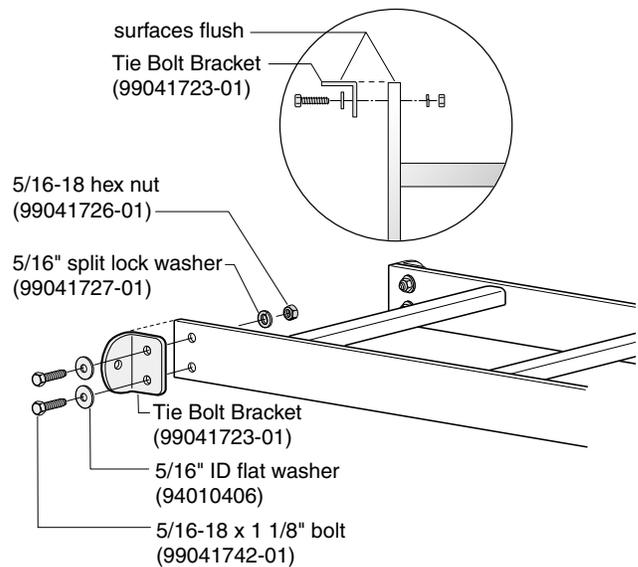
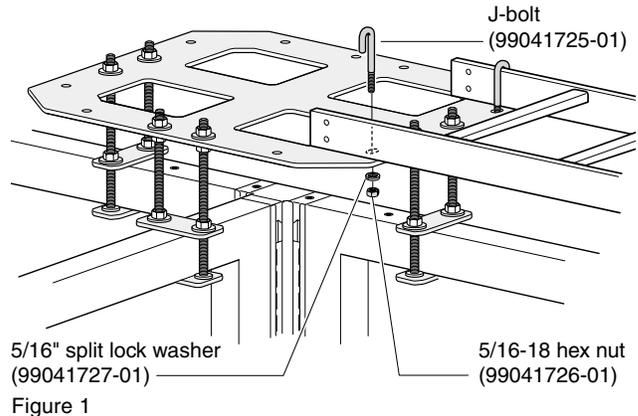


Figure 2

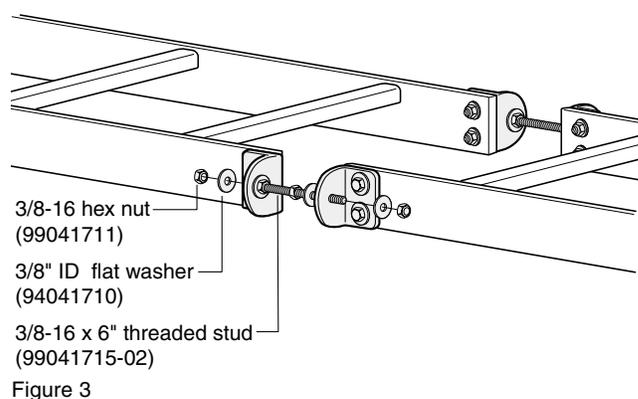


Figure 3