

Nissen Overhead Spotting Rig Model 1110 Assembly Instructions

Step #1

Insert point "A" in point "B". If rebound tumbling unit has a 9'0" frame, insert point "C" in roller stand bushing on frame of unit, pushing inward until snap button is locked against inside of bushing, point "D". Install and tighten set screw at point "F". Pivot so that point "G" rests on floor. Complete step #1 for both sides of the spotting rig.

Step #2

Install point "H" over end of point "G". Complete step #2 for both sides of Spotting Rig.

Step #3

Install universal joint to beam (beam with U shaped bracket) using the 1/2" x 1 3/4" long screw, (2) flat washers and self-locking nut. NOTE: Universal joint must be free to swing.

Step #4

Install double block, with rope attached, to universal joint using the 1/2" x 1 3/4" long screw and self-locking nut. NOTE: Double block must be free to swing.

Step #5

Install single block, with rope attached, to beam (beam with brackets at angle) using the 5/16" x 1 1/2" long screw and self-locking nut. NOTE: Block must be free to swing.

Step #6

Select proper holes for rebound tumbling unit. The 2nd hole is used for a 9'0" wide unit. The first hole is for a 10'0" wide unit. Insert point "K" into point "J", pin with large eyebolt through proper holes and tighten down wing nut securely.

Step #7

Insert point "L" in point "I" and point "M" in point "N".

Step #8

Hook one snap of each guy cable through each (4) eyelet at points "P" and points "R".

Step #9

Repeat step #8 for the long 3/8" diameter rope. Insert snap through eyelet at point "E".

Step #10

Install snap on end of short rope and long rope to "O" ring of the larger diameter rope.

Step #11

Install the (4) "U" shaped frame clamps on Rebound Tumbling frame 7'3" each side of roller stand bushings using the (4) 3/8" x 2 1/2" long screws. Install clamps with screws to inside of frame.

Step #12

While Overhead Spotting Rig is lying on the floor, snap the (2) cables, those on spotting rig beam eyelets closest to the floor, to the frame clamp eyelets on rebound tumbling unit frame.

Step #13

Raise Spotting Rig to its vertical position.

Step #14

Install guy cable snaps through eyelets on frame clamps. Adjust clamps by sliding clamp on frame to maintain equal tension on cables.

Step #15

To install spotting belt, unsnap rope from storage position and snap to rings on the belt sides. NOTE #1: Do not fold up ends of rebound tumbling unit with Overhead Spotting Rig installed. NOTE #2: Whenever the 3/8" diameter ropes become twisted directly above the larger diameter Pull Rope, unsnap the 3/8" diameter ropes from the "O" ring one at a time and untwist ropes so they will enter pulley smoothly.