Installation Instructions

502106 Power Tennis System by Draper

Caution

① Inspect all contents prior to installation. Report any missing parts to dealer immediately.
② Do not overtighten the net cable; tighten only until it is taut.
③ If you live an area where the frost line is below 24", it is advisable to dig to below the normal frost line.
④ Tools needed: 9/16" wrench.
⑤ Read all instructions before proceeding.

Bill of Materials

A—1 Fixed Post
B—1 Winch Post
B—1 Winch Handle
C—2 Net Post Caps
D—1 Cast Aluminum Winch
D—3 5/16" x 3½" Carriage Bolts
F—2 Acorn Nuts
F—2 Star Style Lock Washers
I—1 502100—Heavy-Duty Tennis Net
G—1 502111—Polyester Center Strap with double ended snap
H—1 505212—Center Tie Down Strap Anchor

Immediately unpack all components and cross check against bill of materials.

Please Note: *Consult Draper's Equipment Rules and Court Diagrams Guide to determine proper location of post and/or Ground Sleeves.*

① If applicable, follow instructions and drawings provided with ground sleeves, place posts in sleeves with the curved portion of stop pin facing toward center of court, then skip to step 4.
② If placing the posts for a permanent installation you should dig a hole measuring 12" minimum diameter x 24" deep. (Note: if you live an area where the frost line is below 24", it is advisable to dig to below the normal frost line.)
③ Fill the hole with wet premix concrete, insert pole leaving 42" above the playing surface (bottom of stop pin should set at top of playing surface). Posts should be installed with the curved potion of stop pin facing toward center of court. Vibrate post to settle concrete around post and release any trapped air pockets. Make sure post is straight and plumb then brace post while concrete is drying. Allow 24 hours minimum drying time before continuing assembly.
④ Install Center Tie Down Anchor by digging a hole measuring 8" minimum diameter by 12" deep. Fill the hole with wet premix concrete and insert anchor into wet concrete vibrating to settle concrete and release any trapped air pockets. Make sure anchor is straight and plumb and installed flush with top of playing surface and with pin perpendicular to net.
⑤ Place one post cap on each post with roller facing away form center of court.
⑥ Place cast aluminum winch on winch post facing away from center of court and with thumb release lever towards ground. Insert carriage bolts through winch and net post. Place washers on bolts and tighten in place with acorn nuts using 9/16" wrench.
⑦ Hook net cable on anchor on outside of fixed post and run cable on top of roller on cast aluminum cap.
⑧ Run cable across top of roller on winch post and place loop on hex bolt in winch through top opening. While holding cable, tighten using winch, insuring the cable does not bind or kink. DO NOT OVER TIGHTEN—Tighten only until cable is taut.
⑨ Adjust length of center tie down strap so both sides reach playing surface when folded in half across the net. Attach center tie down strap to center anchor using double ended snap.

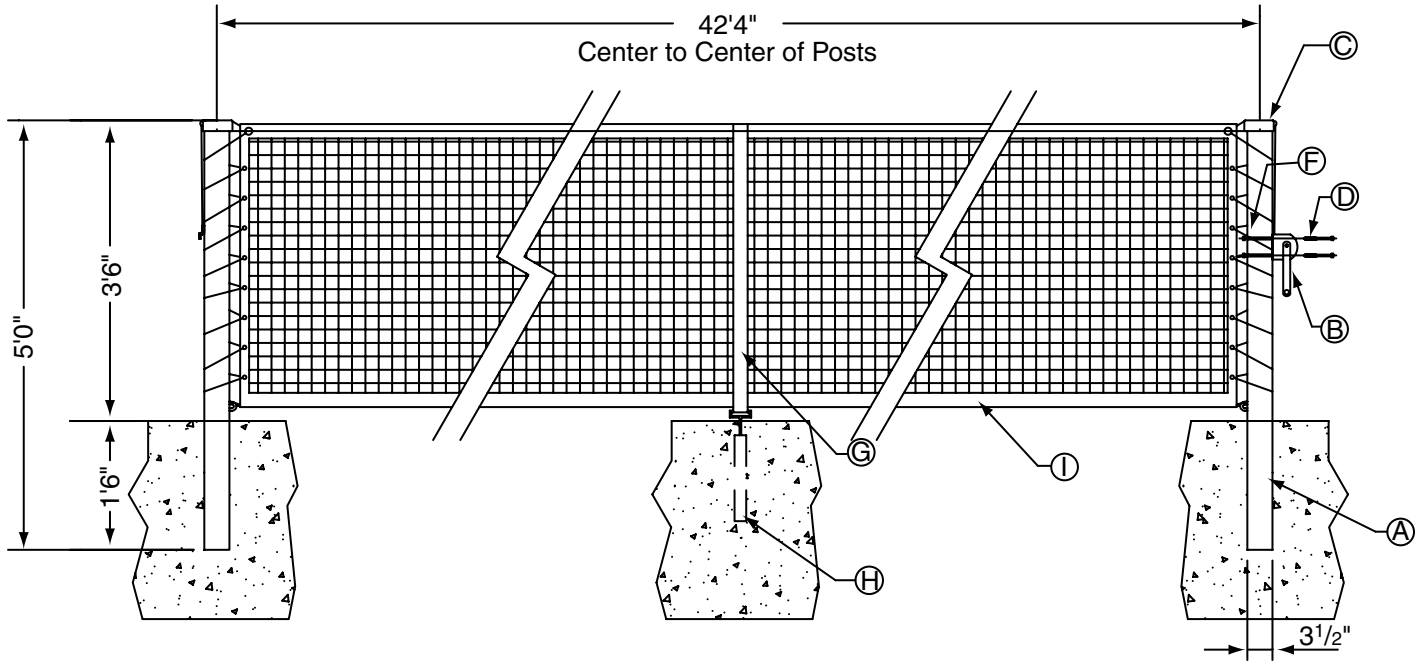

Figure 1

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