The NOVA II System features a powder-coated aluminum framework (offered in black, white or bronze color options) combined with horizontal stainless steel cable infill. The framework is made up of posts with top and bottom rails. The cable infill consists of HandiSwage™ fittings and 1/8" cable.

The following guide will take you step-by-step through the process of installing your NOVA II System.

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**TOOLS NEEDED**

Here is a list of tools needed to install your NOVA II System. Most of the required tools are common. For the tools that are not common, Atlantis Rail offers a complete selection of specialized tools to successfully complete your installation.

- Power Drill
- Vice Grips
- Tape Measure
- Rubber Mallet
- Chalk Line
- Ratchet & Socket Set
- Silicone Caulk
- Miter Saw with a Non-Ferrous Carbide Tipped Blade
- Gloves
- Safety Glasses
- Allen Wrenches
- Carpenter’s Square
- Hack Saw
- Level
- Drill Bit Set
- Pencil
- Open Wrench Set
- Phillips Driver Bits

**Specialized tools offered by Atlantis Rail**

- Hand Swage Tool #E0113-H600
- Cable Cutter #C0989-00HD
- Touch-up Paint #A0906-P051-XX
- Cable Grip Pad #E0114-0000
- 3/8” & 7/16” Combination Wrench Set #C0731-TK01-2
- Grommet Install Tool #E0916-1000
- After Swage Gauge #E0113-HG00

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August 2019
NOVA II SYSTEM COMPONENTS

STAIR SECTIONS

A. Top Stair Rail
B. Bottom Stair Rail
C. Top Stair Rail Bracket Base
D. Upper Stair Rail Bracket
E. Lower Stair Rail Bracket
F. Bottom Stair Rail Bracket Base
G. Bottom Stair Rail Bracket
H. Cable Stabilizer, Slotted
I. Support Block
J. Stabilizer & Support Block Connector
K. #10 Self-Drilling Screw
L. Support Block Base Kit
M. Plastic Cover Nut
N. Set Screw
O. Set Screw Cover
P. Lag Bolt
Q. 3-1/2" Square Driver Bit
R. 36" Stair Post, Un-Drilled
S. 42" Stair Post, Un-Drilled
T. 42" Mid Stair Post, Slotted
U. Post Pad, Drilled
V. Post Shim
W. Post Skirt
W. Post Cap
Y. NOVA II Single Mount Tensioner 1/8"
Z. HandiSwage™ Tensioner 1/8"
**WARNINGS**

**SALT WATER - CAUTION:**
Limitation of installation proximity to salt water and associated warranty limitations exist and must be referenced within our warranty, website and installation instructions. Please consult the supplied “NOVA II Salt Water Restrictions Map” before installing.

**ALWAYS REFER TO YOUR LOCAL BUILDING CODE OFFICIALS PRIOR TO INSTALLING ANY ATLANTIS RAIL SYSTEM** to ensure all code and safety requirements are met. Atlantis Rail Systems is not responsible for improper or non-recommended installations.

**ATLANTIS RAIL SYSTEMS PROVIDES A VARIETY OF MOUNTING OPTIONS FOR POSTS AND RAILS USED IN OUR SYSTEMS. PRODUCTS OF THIS NATURE REQUIRE THAT MOUNTING SURFACES ARE CONSTRUCTED TO BE CONSIDERED STRUCTURAL PER BUILDING CODE DEFINITION FOR THE SURFACE MATERIAL USED.** Structural integrity and building code compliance of mounting surfaces are the responsibility of the end user and/or installer. The use of any of our mounting methods are at the option and decision of the end user and/or installer and should be selected to match the structural material used to create the mounting surface.

**NOVA II STAIR SYSTEMS ACCOMMODATE STAIR ANGLES BETWEEN 29 AND 41 DEGREES ONLY.**

**ALWAYS WEAR PERSONAL PROTECTION EQUIPMENT** during the installation process. Safety Glasses and work gloves are highly recommended.

---

**INSTALL TIPS**

Follow the tips below to ensure a successful installation of your NOVA II System

- **READ THE INSTRUCTIONS** completely before beginning the installation.

- **PLAN YOUR RAILING PROJECT.** Sketch your project with the actual measurements of your deck or balcony complete with post locations.

- **FIND A HELPER,** Installation is best accomplished with two (2) people.

- **CHECK CARTON(S) to determine part count is complete.**

- **ALWAYS WEAR PERSONAL PROTECTION EQUIPMENT;** safety glasses, work gloves, etc.

- **DO NOT OVER-TORQUE THE SCREWS.** Pre-drilling is recommended.

- **PROVIDED HARDWARE TO INSTALL THE NOVA II SYSTEM IS FOR USE WITH NOVA II ALUMINUM POSTS.** If installing to other surfaces, you must acquire the appropriate hardware as needed for proper installation.

- **TOUCH-UP ANY SCRATCHES.** After completing the installation of your NOVA II System look for any scratches and/or damage to the powdercoating. These can easily be fixed using the our NOVA II Touch-Up Paint.
Confirm the Contents of Packaging: Make sure to verify that the system components for your order are present.

INSTALL THE STAIR POSTS

1. Gather the Posts and Position them in their General Locations per your Plan Layout.

2. Considerations for Positioning the Top Stair Post(s):
   - Will the stair rail section be “inline” with the level section railing? If so, you will need to “double post” using a Top Stair Post and Universal Post (See Figure A).
   - Will the stair rail section be “perpendicular” with the level section railing? If so, use a Universal Post from the level section (See Figure B).

3. Mark & Pre-Drill Posts for Rail Brackets and Tensioners: Based on the angle degree of your stairs, choose the appropriate paper “drilling template” (See Figure C). You can find the paper “drilling templates” within the Stair Rail Brackets Kit packaging. When using the templates, be sure to place the bottom of the template on top of the post flange (See Figure D). Mark the locations of the mounting holes onto the Upward face of the bottom stair post and the Downward face of the top stair post (See Figure E).

Pre-Drill the Posts.

For RAIL BRACKETS - use a 5/32” drill bit (See Figure F).

STAIR MID POSTS (Component T) come “slotted” for cable, but require the use of the paper “drilling template” for drilling the Stair Rail Bracket Base mounting holes.

For TENSIONERS - use a 7/32” drill bit for the NOVA II Single Mount Tensioner or use a 9/64” drill bit for the HandiSwage™ Standard Tensioner (See Figure G).
4. **Mount the Posts:**

   Keep in mind, it is critical that the mounting hardware penetrate into the structure in accordance with local building codes.

   Position all stair posts (top, bottom and mid posts) making sure to follow our recommended placement measurements (See Figure H).

   Mark the location of mounting holes and the center hole of the Post Pad (Component U). Pre-drill using a 1/4” drill bit (See Figures I, J & K).

   Use the Lag Bolts (Component P) to anchor the Posts (See Figure L).

   **Make sure the Posts are installed plumb.**

   Use Post Shims (Component V) if necessary.

5. **Install the Plastic Cover Nuts and Post Skirts:**

   Use silicone caulk on the Lag Bolt heads before installing the Plastic Cover Nuts (Component M) (See Figure M).

   **DON’T FORGET** to install the Post Skirts (Component W).

**INSTALL THE RAIL BRACKET BASES**

6. **Install the Top and Bottom Stair Rail Bracket Bases:**

   Using the #10 Self-Drilling Screws (Component K), install the Top and Bottom Stair Rail Bracket Bases (Components C & F) onto the post. Make sure the slots on the Top Stair Rail Bracket Bases are facing down (See Figure N) and the slots on the Bottom Stair Rail Bracket Bases face up (See Figure O).

   **TIP:** When installing the Bottom Stair Rail Bracket Base on the upward face of the post(s), use a ratchet with a square driver bit to fasten. There is not enough room for a power drill.
**INSTALL THE TENSIONERS**

7. The NOVA II Stair Railing utilizes either NOVA II Single Mount Tensioners (Component Y) or HandiSwage™ Tensioners (Component Z). Refer to the steps below to install the tensioners you have chosen for your system.

A. Installing NOVA II Single Mount Tensioners:
   Dissassemble the tensioners by removing the Threaded Stud and unscrewing the Base Cover. Reassemble the tensioner bases making sure to insert #14 screw before threading on the Base Cover. Install the tensioner bases to the posts using the Plastic Gasket in between the post and mounting base (See Figure P). Be careful not to strip the screw head. The slots on the tensioner base should aim down on the downward post face and aim up on the upward post face (See Figure Q). Reassemble the tensioners leaving 3/4” of thread exposed (See Figure R). For cable runs over 20 feet, extend the threaded stud an additional 1/4” for each additional 10 feet.

B. Installing HandiSwage™ Tensioners:
   Install each tensioner to the posts using (3) #8 x 1-1/2” Screws, making sure to place the Plastic Gasket in between the post and tensioner Mounting Base (See Figure S). Be careful not to strip the screw heads. The tensioner assemblies will aim down on the downward post face and aim up on the upward post face (See Figure T). Adjust the Threaded Stud on each tensioner until 3/4” of thread is exposed (See Figure U). For cable runs over 20 feet, extend the threaded stud an additional 1/4” for each additional 10 feet.
**INSTALL THE STAIR RAIL KIT**

8. **Measure and Cut the Rails:**
   Measure from the top edge to top edge of the Stair Rail Bracket Bases (*See Figure V*).
   
   **For the Top Rail** (Component A), subtract 2-3/4”.
   **For the Bottom Rail** (Component B), subtract 1-1/2”.
   
   Mark the rails and cut using a miter saw with a non-ferrous carbide tipped blade.

9. **Temporarily Install the Top and Bottom Rails:** Slide the Rail brackets (Components D, E & G) over each end of the rails. Make sure the rail brackets are oriented correctly (*See Figure W*). Insert the rib on each bracket into the slot on the rail bracket bases. Install the Set Screws (Component N) into the side of each rail bracket base (*See Figure X*).

10. **Mark the location of the Support Block and Stabilizer** *(If your Stair Rail Section is UNDER 4 FEET, you DO NOT need to install the Support Block and Stabilizer. Skip to STEP 15, if your Rail Section is UNDER 4 FEET)*
    Assemble the Support Block Base Kit (Component L) (*See Figure Y*). Position the Support Block Base with the Support Block (Component I) in place and mark the bottom rail, the back side of the support block, as well as the stair tread (*See Figure Z, AA & AB*).

    Mark a center line in between the marks on the bottom rail and transfer this center line onto the top rail using a level (*See Figure AC*).

    Use a square to transfer a center mark onto the underside of the top rail and the top and underside of the bottom rail (*See Figure AD*).

    These marks indicate the location of screw holes for the connectors.
Measure & Cut the Stabilizer and Support Block:
Measure between the Top and Bottom rails on the center line (See Figure AE). Transfer this measurement onto the Stabilizer making sure to center your tape measure on the Stabilizer (Component H) (See Figure AF). With the Stabilizer and the Support Block marked, set the saw to match the angle degree of your stairs and cut them to length. **Make sure the offset cable slots in the Stabilizer match the direction of your angled end cuts (See Figure AG).**

Pre-Drill and Install the Connectors onto the Rails:
Using an 1/8” drill bit, drill straight while gradually working the drill bit to vertical to complete each hole on the underside of the top rail and top of the bottom rail (See Figure AH). **REMOVE THE RAILS.** Drill the underside of the bottom rails in the same manner. Install the Connectors (Component J) using the supplied #8 screws (See Figure AI).

Install the Support Block:
Measure and mark a center line on the stair tread for the support block. This line should be in line with the center of the stair posts (See Figure AJ). Position the Support Block Base and mark the hole placement onto the center line (See Figure AK). Pre-drill the holes with an 1/8” drill bit and install the Support Block Base making sure the Plastic Gasket and Washers are used (See Figure AL).

Install the Rails and Stabilizer:
Repeat STEP 9 to install the Bottom Rail making sure to insert the connector on the underside of the bottom rail into the top of the support block (See Figure AM). Tighten the Set Screws on the side of the rail bracket bases and install the Set Screw Covers (Component O) (See Figure AN). Install the Stabilizer onto the connector on the top of the bottom rail. Repeat STEP 9 to install the Top Rail making sure to insert the connector on the underside of the top rail into the top of the stabilizer (See Figure AO). Tighten the Set Screws on the side of the rail brackets and install the Set Screw Covers (See Figure AN).

Predrill the underside of the Top Stair Rail Brackets with an 1/8” drill bit and install the #10 Self-Drilling Screws to secure the top rail to the rail brackets (See Figure AP).

Install the Post Caps:
Apply a bead of silicone on the top edge of posts and set the Post Caps (Component W) firmly into place (See Figure AQ).

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RUN THE CABLE

17. Determine the Cable Lengths for Each Section:

With the Threaded Stud on each tensioner extended 3/4" (For cable runs over 20 feet, extend the threaded stud an additional 1/4" for each additional 10 feet), measure the distance from “Receiver Cone to Receiver Cone” on opposing tensioners for each section (See Figure AR). This measurement is the “cut to” length for the cable in each section.

18. Cut and Install the Bottom Cable Run for Each Section:

WE RECOMMEND INSTALLING THE BOTTOM CABLE RUN FOR EACH SECTION BEFORE CUTTING ALL OF THE CABLES FOR YOUR ENTIRE PROJECT. Using the measurements from STEP 17 for each cable run section, cut the cable for the “bottom run” in each cable run section.

Attach the cable end to the Tensioner at the bottom of the Top Stair Post. Insert the cable into the receiver cone while twisting the cable opposite the lay of the wire strands. Fully tighten the receiver cone using 7/16” and 3/8” open wrenches. The wedge inside will crimp down on the cable (See Figures AS & AT).

Run the cable through each Stabilizer and Mid Post toward the Bottom Stair Post of the cable run section. REPEAT the step above to attach the cable end to the Tensioner at the bottom of the Bottom Stair Post.

19. Cut and Install the Remaining Cable Runs for Each Section:

If you find that the cable length was too short or too long on the bottom cable run, determine the necessary adjustment needed to be made to the cable length. Cut a new length to the proper size and repeat the steps above to install it.

Now that the bottom cable runs are installed successfully, cut the additional cable lengths for each section and repeat the process in STEP 18 above for installing the remaining cable runs.

TENSION THE CABLE

DO NOT TENSION CABLES UNLESS THE FRAMEWORK OF THE NOVA II SYSTEM IS COMPLETED. THE POSTS MUST BE INSTALLED SECURELY TO THE MOUNTING STRUCTURE AND THE TOP & BOTTOM RAILS MUST BE SECURELY ATTACHED TO THE POSTS.

20. The Tensioning Method:

Hand tighten the tensioners equally on both sides of the cable run. Holding the tensioner stud in a fixed position with a 3/8” wrench, rotate the tensioner body with a 5/16” wrench to apply tension (See Figure AU).

21. Tension the Center Cable:

Beginning with the center run of cable, use the “tensioning method” until the cable is snug. DO NOT over-tension!

22. Tension the Remaining Cables:

Repeat STEP 20 to tension the rest of the cables. WORK AWAY FROM THE CENTER CABLE RUN (See Figure AV).

23. Make Final Adjustments to the Cable Tension:

Make sure all cables are tight and relatively equal in tension.

24. Tighten the Lock Nuts on the Tensioners:

With all of the cables tensioned properly, tighten the tensioner lock nuts. Use a 5/16” wrench to hold the tensioner body in a fixed position while tightening the lock nut using a 7/16” wrench (See Figure AW).
NOVA II INSTALLATION INSTRUCTIONS

Confirm the Contents of Packaging: Make sure to verify that the system components for your order are present.

INSTALL THE POSTS

1. Gather the Posts and Position them in their General Locations per your Plan Layout.

2. Mark and Pre-Drill the Posts for Bottom Rail Brackets: Mark Posts with a pencil and drill pilot holes with a 5/32” drill bit (See Figures A & B).

3. Mount the Posts: Keep in mind it is critical that the mounting hardware penetrate into the structure in accordance with local building codes. Position all Posts making sure the holes for cable and fittings are oriented correctly. Mark the location of mounting holes and the center hole of the Post Pad (Component AT). Pre-drill using a 1/4” drill bit (See Figures C, D & E). Use the Lag Bolts (Component AU) to anchor the Posts (See Figure F). Make sure the Posts are installed plumb. Use Post Shims (Component AZ) if necessary.

4. Install the Plastic Cover Nuts and Post Skirts: Use silicone caulk on the Lag Bolt heads before installing the Plastic Cover Nuts (Component AV) (See Figure G). DON’T FORGET to install the Post Skirts (Component AS).

5. Pre-Drill the Mid Posts for Top Rail Brackets: If a Universal Post (Component AQ1 or AQ2) is being used as a Mid Post versus an End Post, holes must be pre-drilled on one side for mounting the Top Rail Brackets (Component AC). You will notice that the post is already pre-drilled on one side. Measure and mark each post. Using the Bracket Key (Component AD), mark the bottom hole (See Figure H). Pre-drill holes using a 5/32” drill bit (See Figure I).

6. Install the NOVA II Studs on the Corner Posts: Locate the side of the Corner Post (Component AR1 or AR2) with the threaded post holes. Making sure to use the Plastic Washer (Component AX) in between the NOVA II Stud and the Post, thread the NOVA II Studs (Component AW) into the threaded holes in the Corner Post (See Figure J).
INSTALL THE RAILS

7. Measure and Cut the Rails (if necessary): To ensure the centering of the Cable Stabilizer (Component AM or AN), trim must always be taken from both ends of the Rails (See Figure K). To account for the Top Rail Brackets take an extra 5/8" off each end of the Top Rail (Component AA) (See Figure L). Mark the Rails and cut using a miter saw with a non-ferrous carbide tipped blade.

8. Install the Stabilizer and Support Block Connectors
(If your Rail Section is UNDER 4 FEET, you DO NOT need to install the Support Block and Stabilizer. Skip to STEP 12)
Locate the pre-drilled holes in the middle of the underside of the Top Rail and on the top and underside of the Bottom Rail (Component AB). Using the #8 self-drilling screws, the Square Driver Bit (Component AO) and a power drill, install the Stabilizer and Support Block Connectors (Component AH) on the Top and Bottom Rails (See Figure M).

9. Mark and Pre-Drill for the Support Block Base Kit:
Measure and mark a center line on the deck to indicate the center between Posts. Measure from the edge of the deck to the center of the Posts and transfer this measurement onto the deck by marking a line that intersects the center line between Posts. This is where the location of the Support Block Base Kit (Component AJ) is to be installed (See Figure N).

10. Assemble and Install the Support Block Base Kit:
Assemble the Support Block Base Kit as shown (See Figure Q). Making sure the Nylon Gasket is between the Mounting Plate and the mounting surface, install the Support Block Base Kit using (2) #10 Wood Screws and Nylon Washers (See Figure R).
11. Cut and Install the Support Block:
For a 36" post (actual post size is 38"), the Support Block (Component AL) should be cut to 2" (See Figure S).
For a 42" post (actual post size is 44"), the Support Block should be cut to 2-1/2" (See Figure T). Measure and mark the Support Block, then cut using a miter saw with a non-ferrous carbide tipped blade. Insert the Support Block onto the Support Block Connector.

12. Install the Bottom Rail:
Slide the Bottom Rail Brackets (Component AF) over each end of the Bottom Rail (See Figure U). The counter bore holes must be toward the center of the rail section. Install the Bottom Rail, using #10 Self-Drilling Screws (Component AI) (See Figure V). Install the Screw Covers (Component AG) (See Figure W).

13. Install the Top Rail and Cable Stabilizer:
Install the Bracket Key with the counter bore holes facing out from the post using #10 Self-Drilling Screws (See Figure X).
Insert the Cable Stabilizer over the Connector on the top of the Bottom Rail making sure the holes in the Cable Stabilizer are aligned with the holes on the posts (See Figure Y). For 36" railing systems, use the Cable Stabilizer included in the rail section kit. For 42" railing systems, use the Cable Stabilizer (Component AN) that was supplied separately.

For 36" railing systems, use the Cable Stabilizer included in the rail section kit. For 42" railing systems, use the Cable Stabilizer that was supplied separately.

14. Install the Post Caps:
Apply a bead of silicone on the top edge of Posts and set the Post Caps (Component AP) firmly into place (See Figure AC).
RUN THE CABLE

15. **Determine the Cable Lengths for Each Section:** Measure from “outside to outside” of the outer posts for each cable run section (See Figure AD). Follow the steps below to find the “cut to” length for each cable run section.

   **HandiSwage Stud to HandiSwage Stud**
   For cable run sections where HandiSwage Studs will be used on both ends of cable runs, subtract 3” (See Figure AE).

   **NOVA II Stud to HandiSwage Stud**
   For cable run sections where a Corner Post using NOVA II Studs is present, subtract 4-5/8” (See Figure AE).

16. **Cut and Install the Bottom Cable Run for Each Section:** WE RECOMMEND INSTALLING THE BOTTOM CABLE RUN FOR EACH SECTION BEFORE CUTTING ALL OF THE CABLES FOR YOUR ENTIRE PROJECT. Using the measurements from STEP 15 for each cable run section, cut the cable for the “bottom run” in each cable run section.

   For cable run sections where HandiSwage Studs will be used on both ends of cable runs, hand swage a HandiSwage Stud onto one end of the cable following the hand swage tool instructions. Insert the stud through the bottom post hole. Locate the NOVA II Cover Nut Set and identify each component (See Figure AF). Install the Plastic Washer and hand tighten the Tensioning Nut onto the stud, leaving a 1/2” of thread exposed (See Figure AG).

   Run the cable through each Cable Stabilizer and Mid Post toward the opposite post of the cable run section. Hand swage a HandiSwage Stud to the cable end. Insert the stud (threaded end first) through the post, install the Plastic Washer and hand tighten the Tensioning Nut onto the stud (See Figure AG). This should leave about a 1/2” of thread exposed.

   For sections using Corner Posts, attach the cable end to the NOVA II Stud at the bottom of the Corner Post. Insert the cable into the receiver cone while twisting the cable opposite the lay of the wire strands. Fully tighten the receiver cone using 7/16” and 3/8” open wrenches (See Figure AH). The wedge inside will crimp down on the cable (See Figure AI).

   Run the cable through each Cable Stabilizer and Mid Post toward the opposite post of the cable run section. Following the hand swage tool instructions, hand swage a HandiSwage Stud to the cable end and insert it through the post. Locate the NOVA II Cover Nut Set and identify each component (See Figure AF). Install the Plastic Washer and hand tighten the Tensioning Nut onto the stud (See Figure AG). This should leave about a 1/2” of thread exposed.

17. **Cut and Install the Remaining Cable Runs for Each Section:** If you find that the cable length was too short or too long on the bottom cable run, determine the necessary adjustment needed to be made to the cable length. Cut a new length to the proper size and repeat the steps above to install it.

   Now that the bottom cable runs are installed successfully, cut the additional cable lengths for each section and repeat the process in the steps above for installing the remaining cable runs.
TENSION THE CABLE

DO NOT TENSION CABLES UNLESS THE FRAMEWORK OF THE NOVA II SYSTEM IS COMPLETED. THE POSTS MUST BE INSTALLED SECURELY TO THE MOUNTING STRUCTURE AND THE TOP & BOTTOM RAILS MUST BE SECURELY ATTACHED TO THE POSTS.

18. **The Tensioning Method:**
   Using a Cable Grip Pad with vice grips, hold the stud or cable in a fixed position and turn the Tensioning Nut with a 7/16" wrench to apply tension (See Figure AJ).

19. **Tension the Center Cable:**
   Beginning with the center run of cable, use the “tensioning method” and tighten the nut until the cable is snug. **DO NOT over-tension!**

20. **Tension the Remaining Cables:**
   Tension the rest of the cables by tightening the nuts until the cable is snug. WORK AWAY FROM THE CENTER CABLE RUN (See Figure AK).

21. **Make Final Adjustments to the Cable Tension:**
   Make sure all cables are tight and relatively equal in tension.

22. **Install the Lock Nuts and Cover Nuts:**
   With all of the cables tensioned properly, hand tighten the Lock Nuts onto the stud ends. With a 7/16" wrench holding the tensioning nut in place, tighten the Lock Nut using a 3/8" wrench (See Figure AL).
   Using a hacksaw, cut the stud ends flush with the outer side of the Lock Nuts (See Figure AM). BE CAREFUL NOT TO SCRATCH OR DAMAGE THE POST WHILE USING THE HACKSAW. Place the Cover Nut over the assembly until it is flush with the Post (See Figure AN).

23. **Install the Cable Grommets:**
   Using the Grommet Install Tool (Part # E0916-1000), install the Cable Grommets (Component AY) wherever cable passes through the Posts and Cable Stabilizers (See Figure AO, AP, AQ & AR). There are 2 different size grommets. Make sure to use the longer ones (Part # C0916-0000-25) on Posts and the shorter ones (part # C0916-A003-25) on Cable Stabilizers.
## NOVA II Post Kits, Cable Spacing & Heights

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<td>44.00&quot;</td>
<td>42&quot;</td>
<td>44.00&quot;</td>
</tr>
</tbody>
</table>

* "XX" in the part number is the color designation. Replace with “BK” for black, “WH” for white or “BZ” for bronze.

## NOVA II System Product Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Post Kits</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A0906-0036-XX*</td>
<td>NOVA II Universal Post 36&quot;</td>
<td>36&quot; surface mount straight post</td>
</tr>
<tr>
<td>A0906-0042-XX*</td>
<td>NOVA II Universal Post 42&quot;</td>
<td>42&quot; surface mount straight post</td>
</tr>
<tr>
<td>A0906-C036-XX*</td>
<td>NOVA II Corner Post 36&quot;</td>
<td>36&quot; surface mount corner post</td>
</tr>
<tr>
<td>A0906-C042-XX*</td>
<td>NOVA II Corner Post 42&quot;</td>
<td>42&quot; surface mount corner post</td>
</tr>
<tr>
<td>A0906-U036-XX*</td>
<td>NOVA II Stair Post, Undrilled 36&quot;</td>
<td>36&quot; surface mount stair post</td>
</tr>
<tr>
<td>A0906-U042-XX*</td>
<td>NOVA II Stair Post, Undrilled 42&quot;</td>
<td>42&quot; surface mount stair post</td>
</tr>
<tr>
<td>A0906-SM42-XX*</td>
<td>NOVA II Stair Mid Post, Slotted 42&quot;</td>
<td>42&quot; surface mount mid stair post</td>
</tr>
<tr>
<td><strong>Rail Kits</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A0906-0201-XX*</td>
<td>NOVA II 6' Straight Rail Section (Top &amp; Bottom Rails)</td>
<td>6' straight top &amp; bottom rails</td>
</tr>
<tr>
<td>A0906-S021-XX*</td>
<td>NOVA II 6' Stair Rail Section (Top &amp; Bottom Rails)</td>
<td>6' stair top &amp; bottom rails</td>
</tr>
<tr>
<td>A0906-HD01-XX*</td>
<td>NOVA II 6' Straight Rail Section Hardware Kit (Top &amp; Bottom Rails)</td>
<td>Mounts straight top &amp; bottom rails to posts</td>
</tr>
<tr>
<td>A0906-HD21-XX*</td>
<td>NOVA II 6' Stair Rail Section Hardware Kit (Top &amp; Bottom Rails)</td>
<td>Mounts stair top &amp; bottom rails to posts</td>
</tr>
<tr>
<td><strong>Cable Mounting Hardware</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0731-H0703-2</td>
<td>HandiSwage Stud (2 pack)</td>
<td>Attaches to cable on level posts</td>
</tr>
<tr>
<td>C0731-H0703-10</td>
<td>HandiSwage Stud (10 pack)</td>
<td>Attaches to cable on level posts</td>
</tr>
<tr>
<td>C0748-0003-2</td>
<td>HandiSwage Tensioner (2 pack)</td>
<td>Attaches to cable on stair posts</td>
</tr>
<tr>
<td>C0748-SM03-2</td>
<td>NOVA II Single Mount Tensioner (2 pack)</td>
<td>Attaches to cable on stair posts</td>
</tr>
<tr>
<td><strong>Post Mounting Hardware</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A0908-HD10</td>
<td>NOVA II Post Mounting Hardware Kit</td>
<td>Surface mount posts on wooden surfaces</td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0916-B003</td>
<td>NOVA II End/Corner Grommet (25 pack)</td>
<td>Used over HandiSwage™ Studs and inserted into End/Corner Posts on level sections</td>
</tr>
<tr>
<td>C0916-0003</td>
<td>NOVA II Mid Grommet (25 pack)</td>
<td>Used over 1/8&quot; Cable and inserted into Mid Posts on level sections.</td>
</tr>
<tr>
<td>C0916-A003</td>
<td>Universal Stabilizer Mid Grommet (25 pack)</td>
<td>Used over 1/8&quot; Cable and inserted into Stabilizer</td>
</tr>
<tr>
<td>A0908-TB04-10</td>
<td>NOVA II Tensioner Backing Disk (10 pack)</td>
<td>Place in between HandiSwage™ Tensioner Base and Post</td>
</tr>
<tr>
<td>C0906-XX02-10&quot; &amp; C0906-XX02-12&quot;</td>
<td>NOVA II Cover Nut Set (10 pack or 12 pack)</td>
<td>Used on the end of HandiSwage™ Studs to tension and provide a finished look</td>
</tr>
<tr>
<td><strong>Tools</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A0906-P051-XX</td>
<td>Touch-Up Paint</td>
<td>Touch-up any scratches on powdercoat finish</td>
</tr>
<tr>
<td>C0731-TK01-2</td>
<td>HandiSwage Combination Wrench Set - 3/8&quot; &amp; 7/16&quot; (2 pack)</td>
<td>Used to install the NOVA II Cover Nut Sets</td>
</tr>
<tr>
<td>C0989-00HD</td>
<td>Cable Cutter</td>
<td>Cleanly cuts up to 5/32&quot; diameter cable</td>
</tr>
<tr>
<td>E0113-H600</td>
<td>Hand Swage Tool</td>
<td>Crimps HandiSwage™ fittings onto cable</td>
</tr>
<tr>
<td>E0113-HG00</td>
<td>After Swage Gauge</td>
<td>Use to confirm that the “after swage” dimension is correct</td>
</tr>
<tr>
<td>E0114-0000</td>
<td>Cable Grip Pad (3 pack)</td>
<td>Use with vice grips during the cable tensioning process</td>
</tr>
<tr>
<td>E0916-1000</td>
<td>Grommet Install Tool</td>
<td>Makes installing cable grommets easy</td>
</tr>
</tbody>
</table>

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