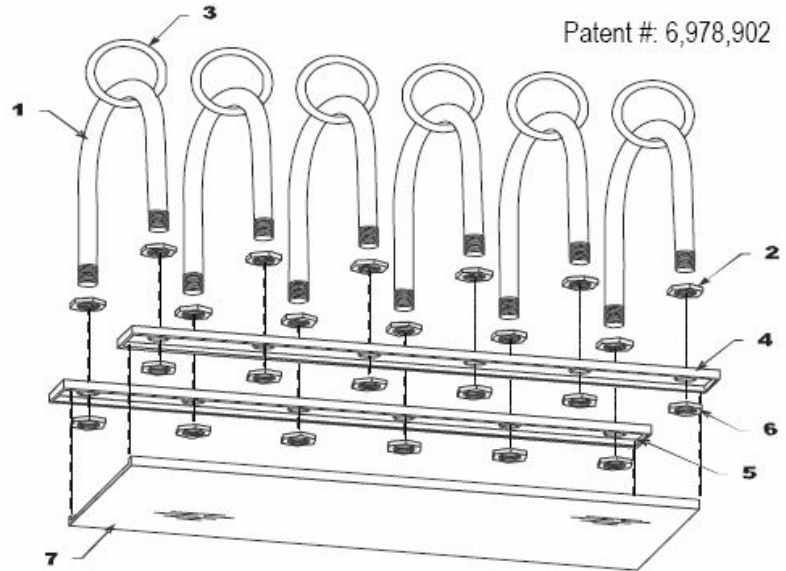


Patent #. 6,978,902

- # 1. U-shaped threaded pipes (6)
- # 2. Upper Locknuts (12)
- # 3. Rings (6)
- # 4. Base Channel – Right (1)
- # 5. Base Channel – Left (1)
- # 6. Lower Locknuts (12)
- # 7. Back Plate (1)



Note: Upper and lower locknuts are identical and can be used interchangeably. The right and left base channels are also identical and can be used interchangeably. These items were separated in the assembly drawing to help clarify the assembly process.

Follow assembly steps A – H below to ensure proper assembly:

- A. Thread one upper locknut (#2) on both ends of the six u-shaped threaded pipes (#1). Using a 1-13/16" socket torque all 12 upper locknuts to 55-60 foot-pounds.
- B. Place one end of each u-shaped threaded pipe (#1) through a hole in the right base channel (#4) so that the remaining threaded portion of the six u-shaped pipe ends are present in the "boxed in" portion of the right base channel.
- C. Thread one lower locknut (#6) on each of the six u-shaped threaded pipe ends that are through the right base channel (#4). These lower locknuts will "sandwich" the right base channel between the upper locknuts (#6). Hand tighten only at this point of the assembly.
- D. Place one ring (#3) around each end of the six u-shaped threaded pipes (#1) that have not been attached to the base channel.
- E. Place the other end of each u-shaped threaded pipe (#1) through the corresponding hole in the left base channel (#5) so that the remaining threaded portion of the six u-shaped pipe ends are present in the "boxed in" portion of the left base channel. *Note: When the two base channels (#4 & #5) are laid flat next to each other so that the ends of each base channel is aligned with one another, each of the six holes in the right base channel (#4) should match up with six corresponding holes in the left base channel (#5). Therefore, if one end of a given pipe (#1) is through the second hole from the end in right base channel (#4), then make sure that the other end of the same pipe (#1) is through the second hole from the same end of the left channel base (#5), and so forth for all remaining pipes.*
- F. Thread one lower locknut (#6) on each of the six u-shaped threaded lock ends that are through the left base channel (#5). These lower locknuts will "sandwich" the left base channel between the upper locknuts (#2) and the lower locknuts (#6). Hand tighten only at this point of the assembly.

- G. Place the back plate (#7) so that the turned up edges running the length of the back plate hook the inside edge of both the right and left base channels (#4 & #5) leaving the lower locknuts exposed inside the “boxed in” portion of both base channels.
- H. With the back plate (#7) in place make sure the base channels (#4 & #5) are parallel, and the top and bottom edges are in alignment with each other. Using a 1-13/16” socket torque the remaining 12 lower locknuts to 55-60 foot-pounds.

Note: The back plate (#7) may not fit securely between the base channels (#4 & #5) after all the locknuts are tightened. This is OK because the back plate does not serve a structural purpose; it is simply used for displaying product logo and contact information. Once the rack is properly installed the back plate will remain in place because the right turned up edge of the back plate (#7) fits inside the inner edge of the right base channel (#4), and the left turned up edge of the back plate (#7) fits inside the edge of the left base channel (#5).

Upon completion of the assembly process, all six rings must slide freely on each u-shaped threaded pipe from one base channel to the other.

Wall Mounting Guideline:

Due to the fact that mounting surfaces vary greatly in their composition, construction and structural integrity, it is up to the person or party installing the rack to determine an appropriate mounting surface. The following information offered is meant to offer suggestions for selecting an appropriate mounting surface. However, it is up to the person or party installing the rack to select a mounting surface that will allow the rack to be used safely. In addition, once the appropriate mounting surface has been determined, it is also the responsibility of the person or party performing the installation process to select the appropriate type of hardware that works best for the mounting surface selected. We recommend routine and regular inspections of the mounting surface and mounting hardware to ensure safe use of the rack.

- The Genesis 5 skateboard security rack is designed to be mounted to a flat concrete or masonry brick wall surface.
- The mounting surface must be structurally sound and able to withstand the drilling of holes for mounting hardware without cracking or chipping, and the stresses that may be applied to the rack from both use and misuse; including pounding, pulling, prying and hanging which may exceed several hundred to over a thousand pounds of force.
- It is recommended that the mounting surface have a minimum thickness of 4 inches.
- Six (6), 1/2” holes able to accept up to 3/8” diameter hardware are offered for attaching the rack to the mounting surface (all 6 must be used). The person or party responsible for installing the rack should consult with a qualified person that is skilled and trained in the various mounting hardware available to match the installation of the rack (given the potential loads, strains and stresses that may be applied to the rack) with an appropriate hardware for this type of application.

Once the appropriate mounting surface has been determined, the person or party installing the rack must determine its placement on the mounting surface.

- The rack is designed to be mounting in a vertical manner, meaning the length of the rack is perpendicular to the ground, and the pipes are parallel to the ground (like the rungs of the ladder).
- The rack should be mounted at a height so that the top security slot of the rack is within reach of all potential users of the rack. Note: If the rack is being mounted in a public space, it must be mounted so that it meets the American with Disabilities Act of 1990 (consult the ADA Accessibility Guidelines for Buildings and Facilities provided).
- The rack should also have a minimum of 16" of free clearance space on both sides (right and left), and a minimum of 6" of free clearance space on the top and bottom of the rack so that its use is not obstructed by other objects in the area; including doors, windows, landscaping, and other items secured or fastened to the same mounting surface.
- The rack should also NOT be placed close to the edge or corner of a wall, which may prohibit users from operating the rack as it was designed to function, or once the skateboard or scooter is locked into place it protrudes out from the corner of the mounting surface creating a hazard.

