

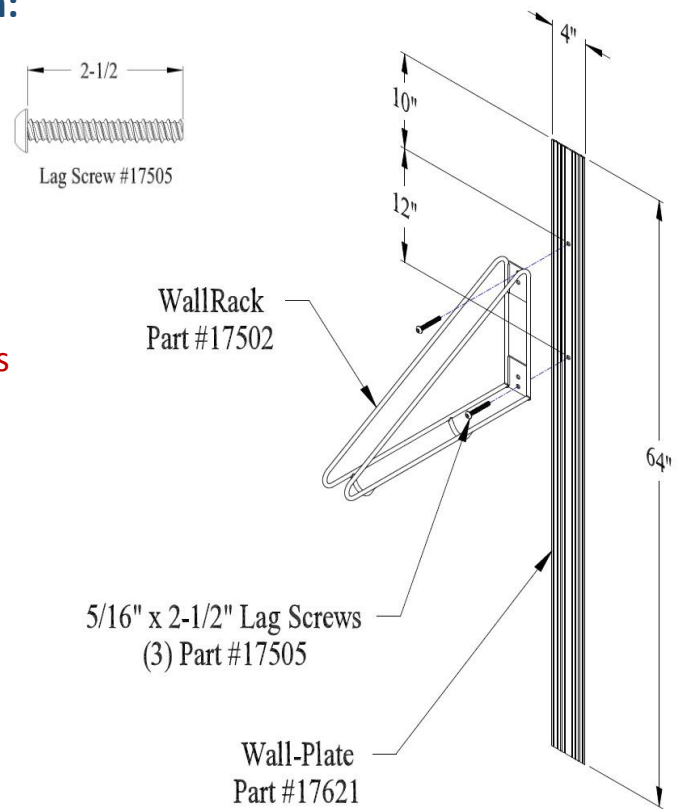
WallRack Accessories Installation:



1. WallRack "Wall-Plate" Installation:

A. Tools & Fasteners

- 3/8" Power Drill
- 1/8" x 3" Long Carbide Drill Bit
- T-30 Torx Bit {5/16" Screw}
- (3) 5/16" x 2-1/2" Long Lag Screws
Part #17505 {Included}
- Pencil
- Tape Measure
- Stud Finder
- Blue Line or Laser Level



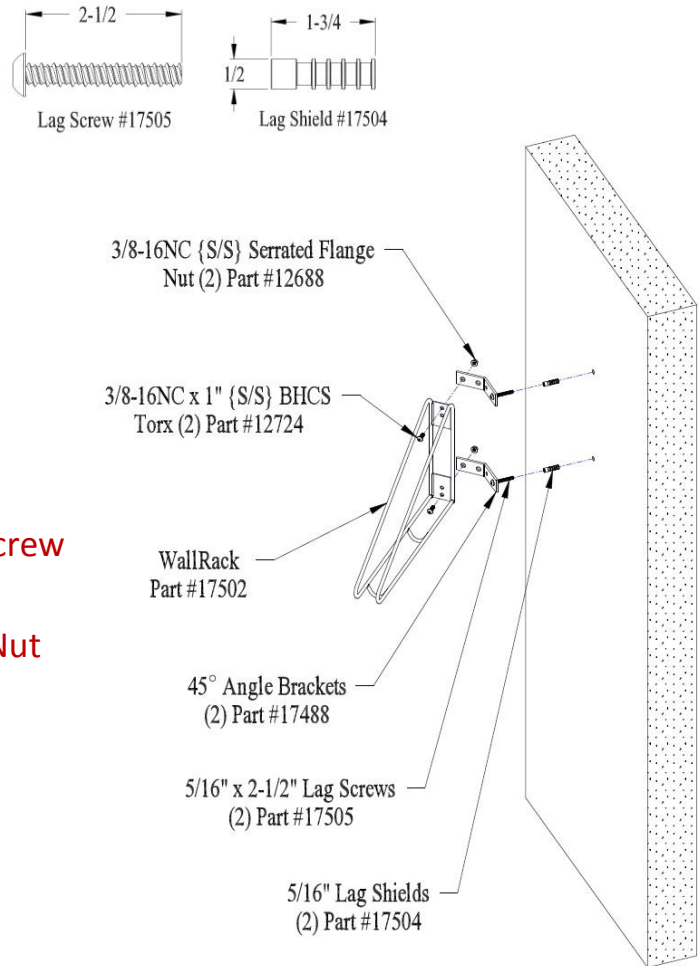
B. Installation:

- Locate center of stud with Stud Finder for placement of the first **WallRack #17502** Powder Coated or **WallRack #17503** Stainless Steel
- Snap a line with the Blue Line or Laser and make a mark with pencil at approximately 60" from the floor to the first mounting hole position
- Hold rack straight and center hole over first mark position, the bottom hole and mark the upper hole at 12" center to center, which would be the 1st hole down from the top
- Remove the rack and drill approximately 2-1/2" deep into drywall and stud with 1/8" x 3" Drill Bit on center of the (2) rack holes & (1) bottom hole
- Align the **Wall-Plate #17621** & **WallRack #17502** with its holes and using the Drill & T-30 Torx Driver screw the (3) **Lag Screws #17505** into the wall tightly
- Now offset the next bottom Plate & Rack hole down by 12" vertical and 16" center-to-center horizontal, depending on stud placement, yielding approximately 48" from the rack bottom hole to the floor
- Repeat steps "c" thru "e" completing on set of racks
- Repeat steps "a" thru "g" as necessary to complete the wall installation using a Blue Line or Laser Level

2. WallRack “Angle-Bracket” Installation:

A. Tools & Fasteners

- 3/8” Impact Drill
- 1/2” x 3” Long Carbide Drill Bit
- (2) 5/16” Lag Shields
Part #17504 {Included}
- (2) 5/16” x 2-1/2” Long Lag
Screws Part #17505 {Included}
- T-30 Torx Driver {5/16” Screw}
- T-45 Torx Driver {3/8” Screw}
- (2) 3/8-16NC X 1” BHCS Torx Screw
Part #12724 {Included}
- (2) 3/8-16NC Serrated Flange Nut
Part #12688 {Included}
- Pencil
- Hammer
- Tape Measure
- 9/16” Hex Wrench
- Concrete Adhesive
- Blue Line or Laser Level

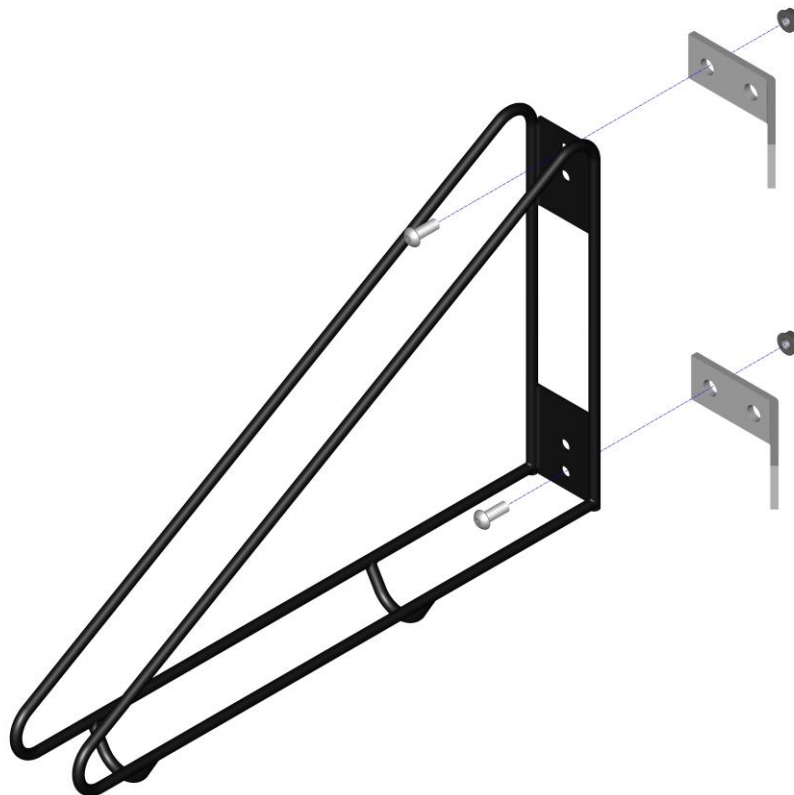


B. Installation:

- Locate center of bottom hole placement of the first WallRack
- Snap a line with the Blue Line or Laser and make a mark with pencil at approximately 60” from the floor to the first mounting hole position
- Hold rack straight and center hole over mark position, the bottom hole and mark the upper hole at 12” center to center, which would be the 1st hole down from the top
- Remove rack and drill approximately 2-1/2” deep into concrete with 1/2” x 4” Drill Bit on center
- Squirt in some Concrete Adhesive in both holes
- Insert the (2) Lag Shields #17504 into the holes and tap flush with the hammer

WallRack “Angle-Bracket” Installation {Continued}

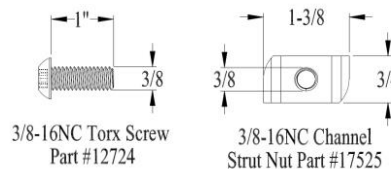
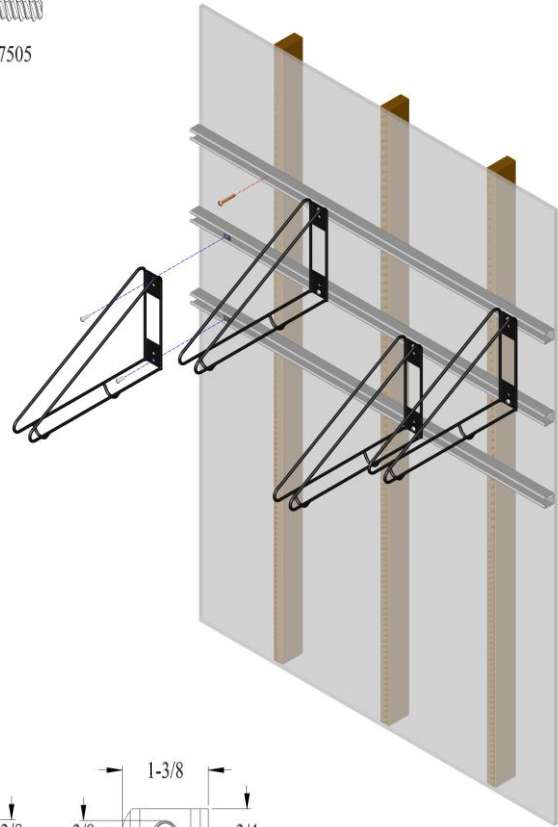
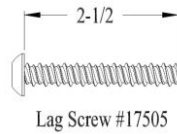
- g) Align “as shown” the **Angle Brackets #17488** with the holes and Sleeves and insert the **Lag Screws #17505** using the T-30 Torx Driver and tighten
- h) Now align the WallRack with the end holes of the **Angle Brackets** and insert **Torx BHCS #12724** into rack top hole and run up **Serrated Flange Nut #12688** and snug, then repeat with second hole and tighten both fasteners with the T-45 Torx Driver and the 9/16” Hex Wrench
- i) Next offset the bottom rack hole down by 12” vertical and over 16” center-to-center horizontal, yielding approx. 48” from the rack bottom hole to the floor
- j) Repeat steps “c” thru “h” completing on set of racks
- k) Repeat steps “a” thru “j” as necessary to complete the wall installation using a Blue Line or Laser Level
- l) The Angle Brackets can also be used on **Drywall with Studs & Brick**, reference **Steps #1B(a-g)** for **Drywall & Studs** for Anchoring Brackets instead of WallRacks, also **Steps #3B(a-h)** for Masonary & Brick Anchoring Brackets instead of WallRacks and the attachment of the **Angle Brackets & WallRack** will remain the same as **Steps #5B(g-j)** as above



3. WallRack “Strut-Mount” Installation:

A. Tools & Fasteners

- 3/8” Power Drill
- 1/8” x 3” Long Carbide Drill Bit
- T-30 Torx Bit {5/16” Screw}
- T-45 Torx Bit {3/8” Screw}
- (9) 5/16” x 2-1/2” Long Lag Screws Part # 17505 {Included}
- (8) 3/8-16NC X 1” BHCS Torx Screws Part #12724 {Included}
- (8) 3/8-16NC Zinc Strut Nuts Part #17525 {Included}
- Pencil
- Tape Measure
- Stud Finder
- Blue Line or Laser Level



B. Installation:

- Locate center of studs with Stud Finder for placement of the **U-Strut Spanners Part #15720** {18” Shown as reference only}
- Snap a line with the Blue Line or Laser and make a mark with pencil at approximately 60” from the floor across the five-foot or ten-foot span you intend the hang the racks
- Next snap second line 12” below the first and a third 12” below the second
- Mark with a Pencil the centers of the studs on the snap lines
- Now drill approximately 2-1/2” deep into drywall and stud with 1/8” x 3” Drill Bit on centers of the Pencil Locations
- Align a **U-Strut #17520** Spanner Slots and Level the Spanner, then with the Drill & T-30 Torx Driver screw the **Lag Screws #17505** into the slot and wall till tight, and repeat for each of the remaining spanners
- Now place the **WallRacks #17502** over the spanners on approximately 16” centers staggered on 12” offset as shown below

WallRack "Strut-Mount" Installation {Continued}

- h) Insert a **3/8-16NC BHCS #12724** thru the top hole of the WallRack and place a **3/8-16NC Strut Nut #17525** into the Spanner behind the screw and hand tighten, and do the same for the bottom hole which is 12" center-to-center from the top hole
- i) Using a drill with the **T-45 Torx Driver** and holding the **Strut-Nut #17525** in-place while holding the rack perpendicular with the spanners tighten both screws
- j) Repeat steps "g" thru "i" for all the **WallRacks** on these **Strut Spanners**
- k) Repeat steps "a" thru "j" as necessary to complete the wall installation using a Blue Line or Laser Level

