

# Ground Control Systems® Double Docker™ Assembly Instructions

## TOOLS RECOMMENDED FOR INSTALLATION

1. Gloves and Safety glasses
2. 9/16", 1/2", 11/16" sockets and wrench, or impact driver (recommended)
3. Trident Security tool (Available for sale)
4. Torque Wrench-100 ft. pounder\*
5. Level
6. Measuring tape
7. Hammer
8. Masonry drill and 1/4" and 3/8" drill bits
9. Chalk line or other marking tool
10. Red Loctite (optional)

\*optional. A standard socket wrench can substitute

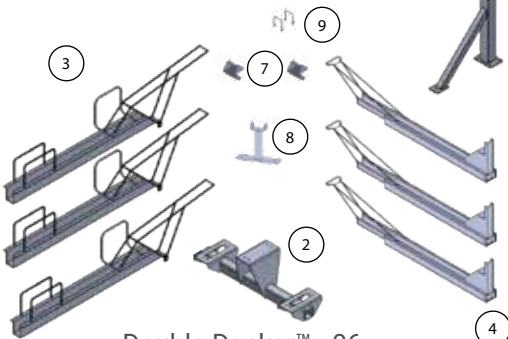
### Recommended: Two-person build

NOTE: These instructions are for general assembly of the Double Docker™ and may vary by configuration.

1. Remove the contents from the box and make sure all the components are present.

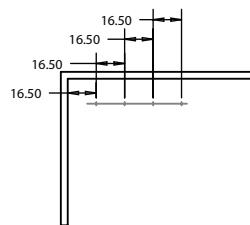
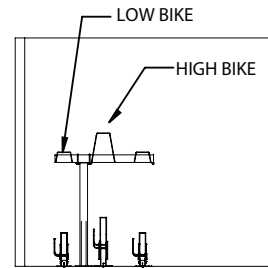
### Items Required for Double Docker™ - 06

- |                                    |  |
|------------------------------------|--|
| 1. Support towers (1)              | Anchor options available from Ground Control |
| 2. Manifold (DD-06)                |  |
| 3. Lower bike tracks (3)           |  |
| 4. Upper bike slide assembly (3)   |  |
| 5. Slide assembly mounting kit (3) |  |
| 6. Lower track mounting Kits (3)   |  |
| 7. Anchoring bracket, short (2)    |  |
| 8. Anchoring bracket, tall (1)     |  |
| 9. U-bolts, nuts and washers (2)   |  |



Double Docker™ - 06  
components (SOME HARDWARE NOT PICTURED)

2. If installing multiple Double Docker™ units next to each other, you must orient them correctly. Best practice is "Low Bike" next to wall, as shown.



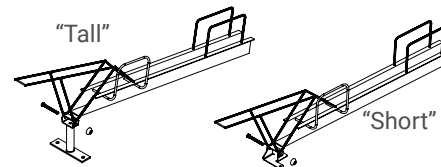
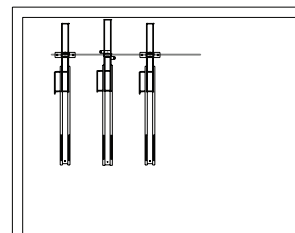
3. Make a line 16.5" from the back wall.

Mark 16.5" from the side wall or from the center of the last bike of previously installed Double Docker™ unit. Mark at 16.5" intervals for every bike to be installed on entire wall.

(Four marks are shown for a single install of the DD-06.)

4. Assemble the mounting brackets to the lower bike tracks, using the 5/16" bolt and security nut. Tighten until 30 Ft.-Lbs. or very snug.

It is recommended to use Loctite.

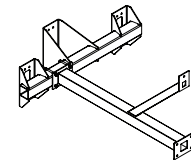


5. Place the tall and short mounting brackets in alternating fashion according to your orientation found in step #2. Align center of anchoring bracket to each mark.

Drill two (2) 1/4" holes into the concrete per bracket, then drive and set 1/4" strike anchors, per track. Complete the anchoring of all three (3) brackets at this time. Ensure each bike track is parallel to the side wall, then drill one (1) 1/4" hole into the concrete, through hole at end. Drive and set anchor, using the hammer. A punch may be required for wide hammers

6. Assemble the support towers to the manifold using two (2) U-bolts, and four (4) nuts and four (4) washers per tower. Tighten until snug. The preferred mounting location is between the brackets as shown (existing obstacles may dictate moving the tower mounting location).

Assembly as shown matches picture in step #2

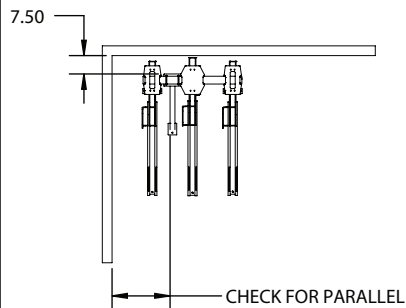


NOTE: The orientation of the manifold must match the lower bike tracks. Double check orientation, and if incorrect, flip manifold over, then reattach to support towers.

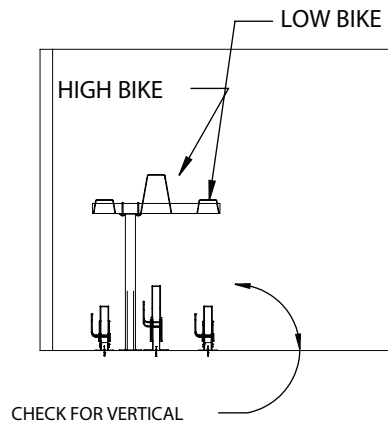
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800-630-7225

7. Place manifold and tower assembly over lower tracks and check for fit. Relocate a tower if necessary. Align the center of each bracket over the lower bike tracks. Check to ensure the "High Bike" of the manifold is over the "High Bike" of the lower tracks.



8. Check the support tower for parallel to the wall by measuring. Level vertically using a level, or by measuring from the wall. Torque the nuts on the U-bolts at this time.

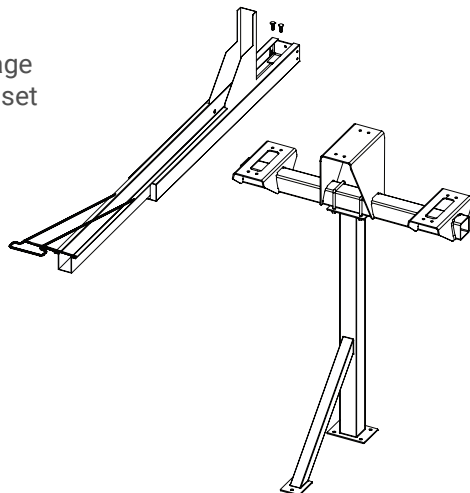


9. Drill five (5) 3/8" holes into the concrete for each tower through the holes in the flanges. Drive and set five (5) 3/8" wedge anchors into place. Make sure to use the security nut on one of the wedge anchors. It is recommended to use Loctite as well. Torque the 3/8" anchor to 30 ft-lb.

10. Mount the upper bike slide to the mounting bracket on the manifold, using the mounting kit provided, with four (4) bolt sets of 3/8"-16 carriage bolts, washers and nuts. A security nut and bolt set is provided for each of the upper tracks.

NOTE: It is recommended to pull out the slide and place two bolts into the rear holes and retract the slide. Lift into place and secure at least one nut and washer, before securing all other nuts and washers.

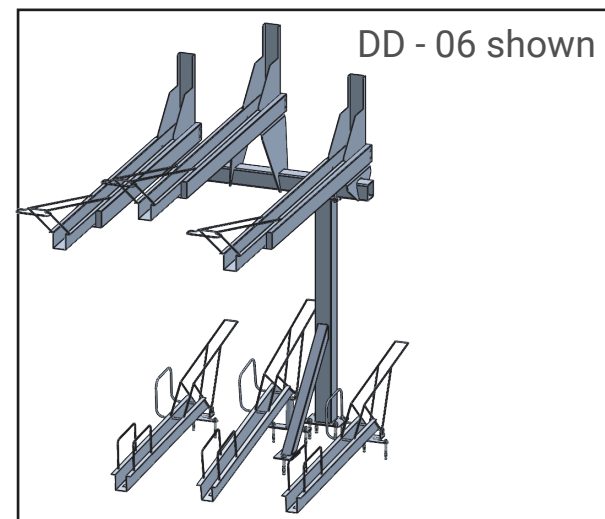
Repeat this procedure for all upper slide assemblies until complete. Tighten all nuts to 20 ft-lbs.



For questions or concerns regarding the assembly and installation of the Double Docker™ please call Ground Control at 800-630-7225 or email us at [info@groundcontrolsystems.com](mailto:info@groundcontrolsystems.com)

These installation instructions are intended for the assembly of the Double Docker™ into concrete only. For installation into other substrates, please contact Ground Control. If you have any questions about the assembly and installation of one of these systems, please give Ground Control a call or visit our website for complete documentation on these products and accessories.

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