

# Urban Parking Stall Assembly Guide

The Urban Parking Stall must be anchored to a concrete surface to ensure security and provide optimal performance. Anchoring the pump to an asphalt surface may compromise the security of the pump, and must be done with the aid of an appropriate asphalt adhesive.

## Minimum Concrete Requirements

- Recommended Pad Size: 12 " x 12 " (Minimum 10 " x 10 ")
- Thickness: 4 1/2 " (Minimum 4 ")
- For new concrete, allow up to ten days to cure before installing anchors

## Tools Required

- 1/2" Masonry Drill Bit
- Hammer Drill
- Hammer
- Ratchet with Extension or Drill/Driver
- 3/4" Deep Socket
- Caulking gun (optional for asphalt installations)
- Asphalt Epoxy (optional for asphalt installations)
- 4" x 1/2" Concrete Wedge Anchors (quantity 4)

## Anchoring the Rack

The assembly can be anchored using standard concrete wedge anchors (provided if purchased), available at most home improvement stores.

Using a 1/2" masonry drill bit, drill holes in the concrete to a depth of approximately 3". Blow the concrete dust from the hole using compressed air (do not breathe the dust)

Place the anchors into the holes and hammer them down until they bottom out in the hole.

Note: push the anchors through the holes of the pump base. Setting the anchors in the concrete prior to positioning the pump will make aligning the holes difficult.

Tighten each anchor until the anchors set into the concrete. Note that during tightening, the anchor will lift out of the concrete a little; this is normal.

If desired, the tops of the anchors may be cut off for a cleaner appearance.

When anchoring to an asphalt surface determine what type of material is directly below the asphalt.

If no concrete is present, the anchors must be set using an appropriate asphalt adhesive. Urban Racks recommends ITW A7 Epoxy adhesive or equivalent two part epoxy for concrete or asphalt applications.

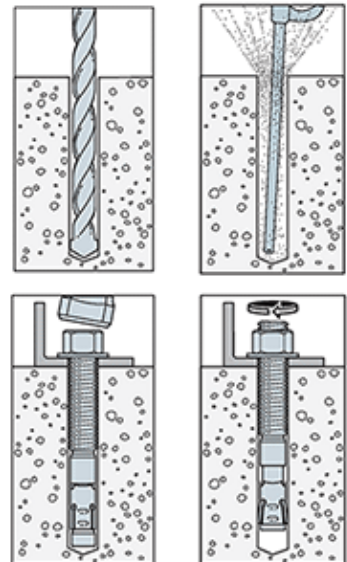
If concrete, anchor as above using 5 1/2" wedge anchors to ensure the anchors reach the concrete.

Following the directions above and prior to putting the anchors into the holes, add epoxy adhesive into each hole to fill approximately half way.

Install the anchors as above but do not fully tighten the nuts until the epoxy has set for 30-60 minutes. The nuts can be fully tightened after 24 hours.



### Anchoring Detail



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+1-888-717-8881 | @urbanracks

[www.urbanracks.com](http://www.urbanracks.com) | [sales@urbanracks.com](mailto:sales@urbanracks.com)

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