

WISHBONE PRODUCT INSTALLATION GUIDE

SECURING A WISHBONE PRODUCT TO A CONCRETE PAD



INSTALLATION GUIDELINES

Two people are recommended for most product installations.

Safety glasses should be worn when hammering or blowing air.

This installation with four anchors should take approximately 20 minutes with two people.

REQUIRED TOOLS AND MATERIALS

- Safety glasses
- Measuring tape
- Felt marker
- Concrete center punch (or Phillips screwdriver)
- Hammer
- Concrete hammer drill
- ½" Concrete drill bit
- Masking tape
- Shop vacuum (or compressed air)
- Noncorrosive leveling shims
- Silicone (optional)
- Paint pen (optional)

INCLUDED TOOLS

- Anchor set tool
- 7/32" Allen key

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1 Place the product in the exact install position using a measuring tape if necessary. Lift the product into position instead of dragging it to avoid damaging the powder coating or the pad. Mark the positions of all mounting holes with a felt marker.



2 Remove the product from the pad, again lifting it instead of dragging it.

3 Pre-punch the concrete pad with a center punch or Phillips screwdriver and hammer to ensure that the concrete drill bit does not wander. Do this for each mounting point marked in step 1.



4 Mark the drill depth for the anchor on the drill bit with masking tape or a felt marker. The drill depth should be about $\frac{1}{4}$ " longer than the length of the anchor.



5 Drill all holes to the depth indicated by the tape or marker applied to the drill in step 4. Holes must be vertical to properly anchor the product.



6 Vacuum (or blow) the drilling dust and debris to leave a clean hole. A screwdriver can be useful to loosen any debris in the hole.



7 Hammer the concrete anchors into the clean drilled holes so they are slightly below flush with the surface. This is easiest with a sacrificial bolt.



8 Fix the anchors in place with the supplied set tool and a hammer to expand the base of the anchors and permanently secure them to the pad.



9 Position the product on the concrete pad by lifting it in place. Line up the holes and ensure the anchors remain free of any debris. Use shims as needed to ensure the product is vertical/level.



10 Bolt the product to the anchors with the supplied bolts and washers.



11 Optional. For theft resistance, fill in the bolt heads with silicone and paint the tops of the fasteners with a paint pen to match the colour of the frame.

12 Your Wishbone product is ready to enjoy. Admire your handiwork!



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