

Installing Anchor Pots in Existing Floors

Choose a pattern: Choose a pattern that compliments your holding system for unibodies or trucks or whatever you will be working on. Be sure to set pots to support the center section and allow room for the pulling device, (Power Post, Tower, etc) to be tied back to offset the forward action of the pull and allows the device to have as much freedom of placement around the vehicle as possible. If you are doing a partial install, allow the tower to be able to move around the front 1/3 or so of the vehicle freely with minimal chain handling.

Choose a pot: There are three basic design choices for you, T-Top, Chain and T-Top with bolts with the difference being how you go about installing the t-top pots. The conventional installation using a hydraulic installation tool would preclude the T-top pot with bolts.

The most popular by far is the chain type pots. All three are the exact same diameters and use the same core drill methods to penetrate the concrete floor where they are to be installed.

Drilling Holes: Please be certain that you tell whoever is assigned to run the core drill to take their time and normally allow approximately ½ hour per hole for drilling time. Forcing the drill will cause it to burn the teeth prematurely and/or cause an egg shaped hole and even possibly a hole that is not “plumb” straight up and down.

Allowing the ½ hour means supplying the driller with a stool to sit on and making sure they keep steady pressure on the drill but not too much pressure which could even cause a “lifting” of the drill to where it is sitting completely on the core drill surface with no other support. This happens all too easily and care must be taken to insure the driller stays patient, takes his time and does it right.

Installing, the Initial Setting: Since we no longer have the setting tool available we want to give some instructions for a simple method to get the pots started. This means installing them in the holes and setting the height by putting a small amount of pressure on them to hold them till you start to use them to make pulls with.

The easiest method for the initial set is to use a common floor jack. This will allow an initial set of around 1 1/2-tons or whatever the jack is rated at. Place a board or piece of steel over the lip of the hole just enough to stop the pot from coming up past it. Place the wheels or part of the front of the jack over the board to hold it with the same down pressure as you will be exerting on the upward pull on the pot to set it. Make sure the “saddle” of the jack is over the center of the pot. Wrap a chain around the saddle and attach it to the chain or drop it in the T-top and secure it to the saddle.

Now pump the jack up till it quits. This will set the pot and hold it at the correct height and as you continue to use it with more pressures to pull with you will set it harder each time.

This is a simple but effective method of laying out a pattern and installing pots.