

196-F75 Ekman Weight Installation Instructions

Introduction:

The Ekman weights consist of two lead weights. The weights are installed behind the Ekman scoops, attached to the box of the Ekman. Bolt holes are not pre-drilled into the walls of the Ekman as this would cause loss of sample, therefore the end user must drill four holes, two on each side to accommodate the installation of the weights.

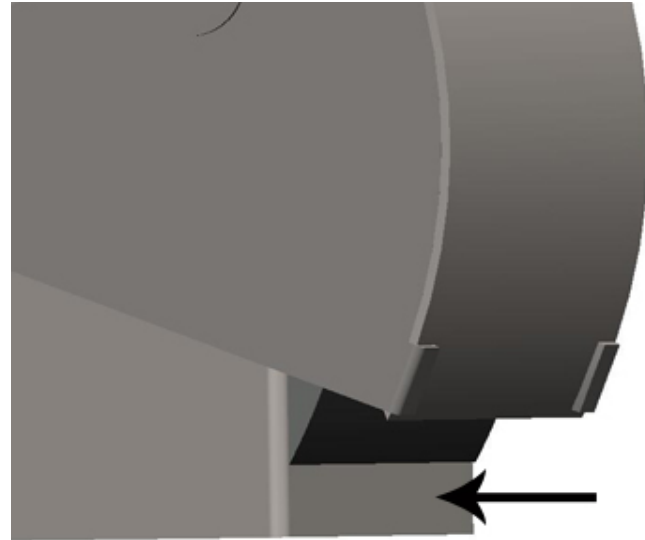
Here is the step-by-step procedure:

- Disengage the scoop springs which are used to automatically shut the scoops.
- Using the diagram to the lower left, mark two holes on each side of the Ekman box, under the scoops, for drilling the mounting holes. Dimensions are in inches.
- Using a letter "F" drill bit (or 1/4" or 9/32" if a Letter "F" bit is not available) carefully drill the four holes at the marked locations.
- Make sure to deburr the holes after they have been drilled so that all sharp edges are removed.
- Install the weight as shown in the upper left image, with the sharper edge of the weight pointing downward. Tighten nuts firmly in place. You may wish to use Loctites to hold the nuts in place.
- Check the nuts before sampling to make sure they have not loosened up during the previous sampling session.

Warranty and Parts:

We replace all missing or defective parts free of charge. All products guaranteed free from defect in materials or workmanship for 90 days after date of shipment. This guarantee does not include accident, misuse, or normal wear and tear and applies to original purchaser only.

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Leave 1/2"
(13mm) space

