

## 5.0 Target Setup

**CAUTION:** *Severe damage can occur to the Syringe, Sample Vials, and/or Chromatography Instrumentation if incorrect parameters are set. Remove the syringe from the holder.*

**CAUTION:** *The mounting bracket must be correctly installed before attempting Target Setup.*

### 5.1 Target Setup Protocol

The Auto Sampler is designed to inject from up to 220 samples from .8 ml sample vials, however, the 120 position 2 ml vial tray is standard, into most types of GC septum injection ports. Two injection ports may be established anywhere along the travel length of the syringe arm.

Target Setup involves completing the following steps.

1. Installing the Mount Bracket and Auto Sampler to the analyzer.
2. Installing the Syringe Holder and Sample Tray with the Waste / Solvent installed on the correct side for you GC inlet configuration.
3. Syringe Installation and Calibration (**be certain the syringe is removed before beginning Target Setup**).
4. Selecting the Sample Tray Style.
5. Calibrating the sample vial #1 position. **Note, never allow the needle to pierce the septum of an empty vial. Always have liquid in the vial. This will help lubricate the needle in the septum.**
6. Setting Flush Vertical and Waste Vertical positions.
7. Calibrating the syringe to the injection port(s) location(s).

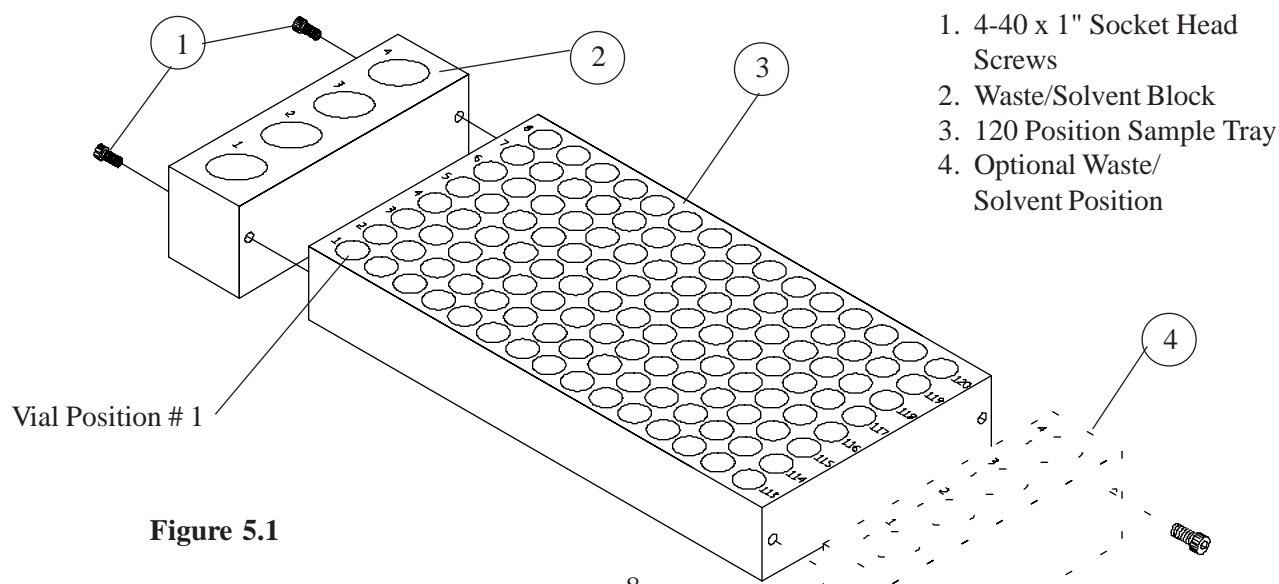


Figure 5.1