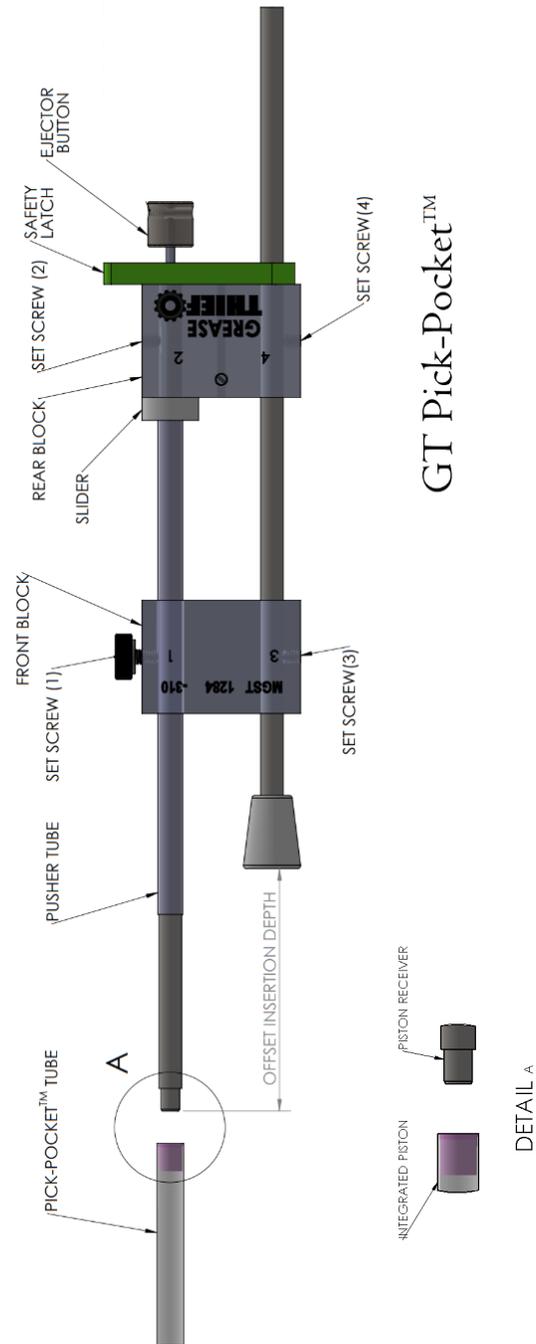


## Grease Sampling Instructions for Pick-Pocket™ Tool MGT-01-025

1. Loosen **set screw (1)**.
2. Install clear **pusher tube** onto Pick-Pocket™ tool by sliding over sampling rod.
3. Insert **pink piston** into Pick-Pocket tube.
4. Slide clear short pick-pocket tube onto sampling rod until the pink piston snaps into place, and the tube is flush with longer clear pusher tube.
5. Place **safety latch** across the ejector button.
6. Make adjustments if necessary to set insertion depth, by loosening, adjusting, and then tightening hex **set screws**.  
*Note: Use **green gauge** to keep the gap from front to rear block the same. Adjustments to the top rod may change the slide length of the slider, disallowing collection of proper sample volume.*
7. Insert pick-pocket tube end of sampling rod into machine access hole until the positioning rod foot touches the outside machine housing surface.
8. Push **slider** forward to advance pick-pocket tube until slider contacts front block, coring a sample.
9. Laterally wiggle the assembly as you gradually but steadily withdraw tool from machine access hole.  
*Note: Especially sticky or thick grease may require slower withdrawal, as it may tend to slump out of the pick-pocket tube as you withdraw it.*
10. Tighten **set screw (1)** to avoid pushing the tube back onto the tool, and gently wipe excess grease from the sampling end towards the ejector button, with a clean, **lint-free rag**.
11. Verify that required 1.5" length of grease has been obtained. If not, resample until this quantity is accumulated. Compensate for any air bubbles by re-taking a core sample from a different position or angle.
12. Position an **uncapped vial** slightly over the end of the pick-pocket tube, and release the **safety latch**.
13. When the tip of the pick-pocket tube is securely within the vial, depress the **ejector button**, propelling the pick-pocket tube, piston and grease sample into the vial.
14. Cap vial and affix **identification label**.
15. Untighten **set screw (1)** to return pusher tube to original position.
16. Wipe sample rod with a clean, lint-free rag to prevent cross contamination. If necessary, replace pusher tube with a new, clean tube (should only be needed after many uses or if it cannot be effectively cleaned.) Install new piston and pick-pocket tube.
17. Your sample is now ready to be tested with the GT Pocket Lab™, or shipped to your Grease Thief Analysis Lab for testing.

Rev 2



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