TPM Go HU162T (10)

Instruction Manual for TPM Go HU162T (10) 2-in-1 Pick and Decoder Tool

Model: HU162T (10)

Introduction

This manual provides essential information for the proper use and maintenance of your TPM Go HU162T (10) 2-in-1 Pick and Decoder Tool. This professional locksmith tool is designed for automotive key reading and lock manipulation. Please read this manual thoroughly before operation to ensure safe and effective use.

Important: The use of this tool must comply with all local, national, and international laws and regulations. Misuse of this tool may result in severe legal consequences.

Safety Information

- Always wear appropriate personal protective equipment, such as safety glasses, when operating tools.
- Keep the tool clean and free from debris to ensure proper function.
- Do not attempt to modify the tool. Any modifications may compromise its integrity and performance.
- Store the tool in a secure location, out of reach of unauthorized individuals and children.
- Use the tool only for its intended purpose as a locksmith and automotive repair instrument.
- If the tool appears damaged, do not use it. Contact the manufacturer or seller for assistance.

Product Overview

The TPM Go HU162T (10) is a specialized 2-in-1 tool designed for both decoding (key reading) and picking automotive locks. It features a robust metal construction and precise markings for accurate operation.



Figure 1: Overall view of the TPM Go HU162T (10) tool. It

shows the main body, the pick/decoder blade, and the handle with measurement markings.

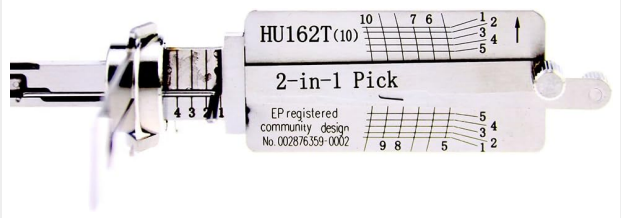


Figure 2: Top view highlighting the decoding scale and bitting numbers (1-10) used for reading key cuts.

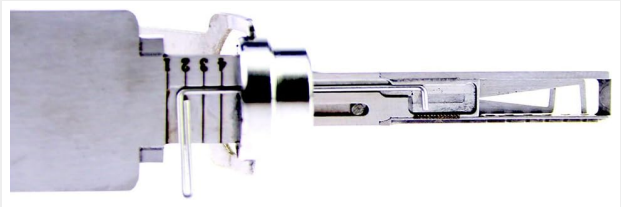


Figure 3: Detailed view of the pick and decoder mechanism, showing the internal components and the precise engineering for lock manipulation.



Figure 4: Close-up of the working end, illustrating the fine tip of the pick and the decoding needle used to sense the lock's internal components.

Components:

- **Main Body:** The primary structure of the tool, providing grip and housing the internal mechanisms.
- **Pick/Decoder Blade:** The movable part that inserts into the lock, designed to manipulate pins and read bitting.
- **Decoding Scale:** Markings on the tool (visible in Figure 2) that correspond to key bitting depths, allowing for precise measurement.
- **Tension Wrench/Handle:** Integrated or attached component for applying rotational tension to the lock cylinder during picking.

Setup

The TPM Go HU162T (10) is a precision instrument and requires minimal setup. Ensure the tool is clean and free of any foreign particles before use.

1. **Inspection:** Visually inspect the tool for any signs of damage, bending, or wear. Ensure the pick/decoder blade moves smoothly.
2. **Familiarization:** Before attempting to use the tool on a lock, familiarize yourself with its components, especially the decoding scale and the movement of the pick/decoder blade.
3. **Lubrication (Optional):** If the internal mechanism feels stiff, a very small amount of dry lubricant (e.g., graphite powder) can be applied to the moving parts. Avoid oil-based lubricants as they can attract dirt.

Operating Instructions

This tool combines two primary functions: key decoding and lock picking. Proficiency with this tool requires practice and a thorough understanding of lock mechanisms.

1. Key Reading / Decoding

The decoding function allows you to determine the bitting (cut depths) of a lock without a key, which can then be used to cut a new key or understand the lock's configuration.

1. **Insert Tool:** Carefully insert the pick/decoder blade into the lock's keyway until it is fully seated.
2. **Apply Tension:** Apply light, consistent rotational tension to the lock cylinder using the integrated tensioning mechanism.
3. **Locate Pins:** Gently manipulate the pick/decoder blade to feel for the individual pins within the lock.
4. **Read Depths:** As each pin is set or identified, the corresponding depth will be indicated on the decoding scale (refer to Figure 2). Record these readings accurately.
5. **Verify:** Repeat the process to verify the readings for all pins to ensure accuracy.

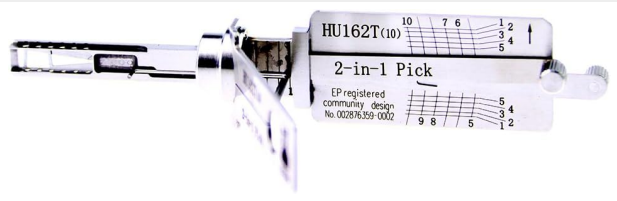


Figure 5: Angled view demonstrating how the tool's blade interacts with the lock's internal mechanism during the decoding process.

2. Lock Picking / Manipulation

The picking function allows for the manipulation of the lock's internal components to open it without a key.

1. **Insert Tool:** Insert the pick/decoder blade into the lock's keyway.
2. **Apply Tension:** Apply light, consistent rotational tension to the lock cylinder using the integrated tensioning mechanism. The correct amount of tension is critical for successful picking.
3. **Set Pins:** While maintaining tension, gently manipulate the pick/decoder blade to lift and set each pin to its shear line. You may feel a slight click or give as each pin is set.
4. **Rotate Cylinder:** Once all pins are set, the lock cylinder should rotate, allowing the lock to open.



Figure 6: The tool positioned as if ready for operation, illustrating its ergonomic design for effective use.

Maintenance

Proper maintenance will extend the lifespan and ensure the continued accuracy of your TPM Go HU162T (10) tool.

- **Cleaning:** After each use, wipe the tool with a clean, dry cloth to remove any dirt, dust, or debris. For stubborn grime, a small amount of isopropyl alcohol on a cloth can be used, ensuring it evaporates completely.
- **Lubrication:** Periodically, apply a very small amount of dry lubricant (e.g., graphite powder) to the moving parts of the pick/decoder blade to ensure smooth operation. Avoid liquid lubricants that can attract dust.

- **Storage:** Store the tool in its original packaging or a protective case to prevent damage from impacts or corrosion. Keep it in a dry environment.
- **Inspection:** Regularly inspect the tool for any signs of wear, bending, or damage to the pick/decoder blade or the decoding scale. Damaged tools should be replaced or repaired by a qualified professional.

Troubleshooting

If you encounter issues while using your TPM Go HU162T (10) tool, consider the following common solutions:

Problem	Possible Cause	Solution
Tool does not insert smoothly into keyway.	Keyway obstructed; tool misaligned; tool bent.	Check keyway for debris. Ensure correct alignment. Inspect tool for damage; replace if bent.
Difficulty in decoding or picking.	Incorrect tension applied; lack of practice; worn tool.	Adjust tension. Practice on training locks. Inspect tool for wear.
Blade movement is stiff.	Dirt/debris inside; lack of lubrication.	Clean the tool thoroughly. Apply a small amount of dry lubricant.

If the problem persists after attempting these solutions, please contact the manufacturer or seller for further assistance.

Specifications

Feature	Detail
Model:	HU162T (10)
Manufacturer Internal Model No.:	5d6e3263-feee-421f-855e-5ee700e18bb8
Brand:	TPM Go
Type:	2-in-1 Pick and Decoder Tool
Material:	TPM (as per product data)
Color:	Silver
Special Features:	Key unlocking, Decoding scale
Included Components:	Pick, Decoder Tool

Warranty and Support

Information regarding product warranty and customer support is not provided within this manual. For details on warranty coverage, technical support, or service, please refer to the original product packaging or contact the seller/manufacturer directly.
Manufacturer: TPM Go
Seller: TPM GO (as per buybox_winner.fulfillment.third_party_seller.name)

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