

[Manuals.plus](#) /

› [CAMPBELL HAUSFELD](#) /

› CAMPBELL HAUSFELD TL050300AV 1-5/8" Air Chisel/Hammer Instruction Manual

## CAMPBELL HAUSFELD TL050300AV

# CAMPBELL HAUSFELD TL050300AV 1-5/8" Air Chisel/Hammer Instruction Manual

### INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your CAMPBELL HAUSFELD TL050300AV 1-5/8" Air Chisel/Hammer. Please read and understand all instructions before using the tool to ensure proper function and to prevent injury.

The CAMPBELL HAUSFELD TL050300AV is a versatile air-powered tool designed for general cutting, chipping, and scraping tasks. Its 41mm stroke and 5000 blows per minute provide efficient power for various materials, including light-duty automotive exhaust removal. It features a .401 Parker type chisel shank diameter and requires a 1/4" air inlet with a minimum 3/8" hose size.

### IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of personal injury and damage to the tool. Keep this manual for future reference.

- **Wear Eye Protection:** Always wear ANSI approved safety goggles or a face shield when operating this tool.
- **Wear Hearing Protection:** Prolonged exposure to noise can cause hearing damage. Use earplugs or earmuffs.
- **Wear Hand Protection:** Use gloves to protect hands from vibration and debris.
- **Maintain a Clean Work Area:** Cluttered areas invite accidents. Keep your work area well-lit and clear.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to prevent movement during operation.
- **Check Air Supply:** Ensure the air compressor is set to the correct pressure and the air hose is free from damage. Do not exceed the maximum recommended air pressure.
- **Disconnect Air Supply:** Always disconnect the air supply before changing accessories, performing maintenance, or when the tool is not in use.
- **Avoid Accidental Starting:** Ensure the trigger is not engaged when connecting to the air supply.
- **Use Correct Accessories:** Only use chisels and accessories designed for this air hammer and with the correct shank size.

- **Inspect Tool Before Use:** Check for damaged parts, loose connections, or any condition that may affect safe operation. Do not use a damaged tool.

## PRODUCT OVERVIEW AND COMPONENTS

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The CAMPBELL HAUSFELD TL050300AV Air Chisel/Hammer is designed for durability and performance. Familiarize yourself with its main components before operation.



Image showing the CAMPBELL HAUSFELD TL050300AV 1-5/8 inch Air Chisel/Hammer. The tool is typically blue in color with a metallic body and a chisel attachment inserted into the front.

Key components include the air inlet, trigger, handle, and the chisel retention mechanism at the front of the tool.

## SETUP AND CONNECTION

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### Unpacking

Carefully remove the air chisel/hammer and any included accessories from its packaging. Inspect the tool for any signs of damage that may have occurred during shipping. Retain packaging for storage or future transport.

### Air Supply Connection

This air hammer requires a clean, dry, and regulated air supply. Ensure your air compressor can provide the

necessary average air consumption of 6 CFM at the recommended operating pressure.

1. Ensure the air compressor is turned off and depressurized.
2. Apply thread sealant tape to the 1/4" NPT air inlet fitting on the tool.
3. Attach a quick-connect coupler (not included) to the air inlet.
4. Connect a minimum 3/8" diameter air hose from your air compressor to the tool's quick-connect coupler.
5. Set your air compressor's regulator to the recommended operating pressure (typically 90 PSI, refer to your compressor manual for specifics).

## Chisel Installation

The tool uses .401 Parker type chisel shank diameter accessories.

1. Disconnect the air supply from the tool.
2. Pull back the spring retainer (if applicable) or unscrew the collar at the front of the tool.
3. Insert the desired chisel into the tool's chuck until it seats firmly.
4. Release the spring retainer or screw the collar back into place to secure the chisel. Ensure the chisel is locked in and cannot be easily pulled out.

## OPERATING INSTRUCTIONS

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### Before Operation

- Ensure all safety precautions are observed, including wearing appropriate personal protective equipment (PPE).
- Verify the chisel is correctly installed and secured.
- Check that the air hose and connections are secure and free from leaks.
- Confirm the air pressure is set correctly.

### Basic Operation

This air hammer is suitable for various tasks such as cutting, chipping, and scraping materials, including light-duty automotive exhaust removal.

1. Connect the air supply to the tool.
2. Hold the tool firmly with both hands, ensuring a stable grip.
3. Place the chisel tip against the workpiece at the desired angle.
4. Press the trigger to start the hammering action. Apply steady, controlled pressure.
5. Guide the tool along the desired path, allowing the hammering action to do the work. Do not force the tool.
6. Release the trigger to stop the hammering action.
7. Always disconnect the air supply when finished or when moving the tool to another location.

## MAINTENANCE

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### Daily Maintenance

- **Lubrication:** Add a few drops of pneumatic tool oil into the air inlet before and after each use. This lubricates internal components and prevents rust.
- **Cleaning:** Wipe down the exterior of the tool with a clean, dry cloth. Remove any debris from the chisel retention area.
- **Inspection:** Check for any signs of wear, damage, or loose parts. Replace worn chisels.

## Storage

When not in use, store the air chisel/hammer in a clean, dry place away from direct sunlight and extreme temperatures. Disconnect it from the air supply and remove any attached chisels before storage.

## TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

| Problem                                   | Possible Cause                                                                         | Solution                                                                                                                                             |
|-------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tool does not operate or operates weakly. | Low air pressure; clogged air inlet; lack of lubrication; damaged internal components. | Check air compressor pressure and regulator setting; clean air inlet filter; add pneumatic tool oil; if problem persists, seek professional service. |
| Air leaks from tool.                      | Loose fittings; worn O-rings or seals.                                                 | Tighten all air connections; replace worn seals or O-rings.                                                                                          |
| Chisel not held securely.                 | Improper chisel installation; worn chisel retention mechanism.                         | Ensure chisel is fully inserted and retention mechanism is engaged; inspect and replace worn retention parts.                                        |
| Excessive vibration.                      | Worn chisel; internal damage.                                                          | Replace chisel; if problem persists, discontinue use and seek professional service.                                                                  |

## TECHNICAL SPECIFICATIONS

| Specification                  | Detail                          |
|--------------------------------|---------------------------------|
| Model Number                   | TL050300AV                      |
| Brand                          | CAMPBELL HAUSFELD               |
| Power Source                   | Air Powered                     |
| Stroke                         | 41mm (1-5/8")                   |
| Blows Per Minute (BPM)         | 5000                            |
| Chisel Shank Diameter          | .401 Parker type                |
| Average Air Consumption        | 6 CFM                           |
| Air Inlet Size                 | 1/4" NPT                        |
| Minimum Hose Size              | 3/8"                            |
| Material                       | Aluminum                        |
| Item Weight                    | 1.36 kg                         |
| Product Dimensions (L x W x H) | 34L x 19.6W x 16.5H Centimetres |
| Included Components            | Multitool Accessory             |

## WARRANTY AND CUSTOMER SUPPORT

This CAMPBELL HAUSFELD TL050300AV Air Chisel/Hammer comes with a **1 Year Limited Warranty**. Please

retain your proof of purchase for warranty claims.

For technical assistance, parts, or warranty inquiries, please contact CAMPBELL HAUSFELD customer support.

Refer to the contact information provided with your product or visit the official CAMPBELL HAUSFELD website for the most current support details.

Manufacturer Contact Information: Cincinnati, OH 45246, USA.