

# MAINTENANCE INSTRUCTIONS

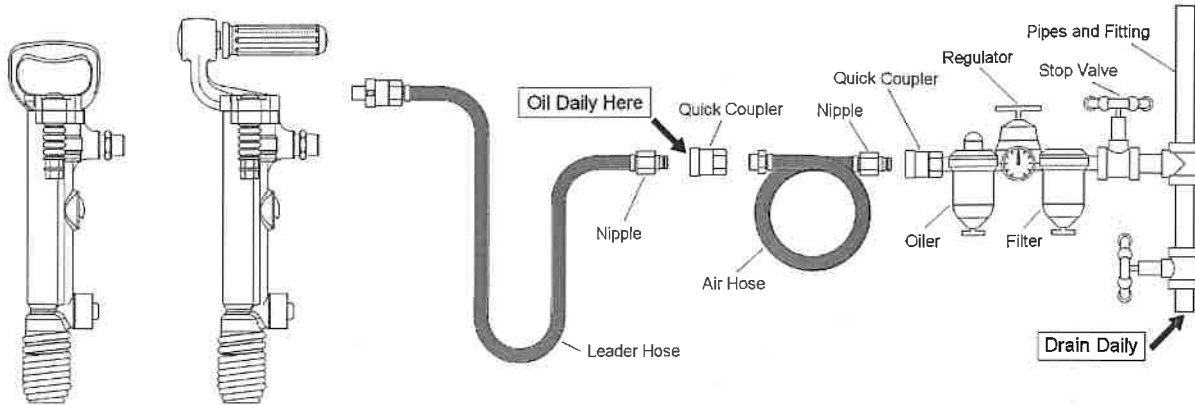
## AIR PICK HAMMER

### MODEL TCA-7

### TCA-7AV



#### AIR HOSE AND HOSE CONNECTION



#### OPERATING INSTRUCTIONS

##### ⚠ WARNING

Safety is a primary consideration when operating percussion tools. The following information outlines procedures which should be following to help insure a safe working environment to avoid personal injury.

1. ALWAYS WEAR APPROVED IMPACT RESISTANT EYE PROTECTION.
2. ALWAYS WEAR EAR PROTECTION.
3. ALWAYS WEAR GLOVES AND OTHER PROTECTIVE CLOTHING.
4. ALWAYS DIRECT EXHAUST AWAY FROM YOURSELF AND OTHERS IN THE AREA.
5. ALWAYS DISCONNECT TOOL FROM THE AIR SUPPLY WHEN NOT IN OPERATION. IF QUICK-DISCONNECT COUPLINGS ARE USED, SEPARATE THE COUPLING FROM THE TOOL WITH A LEADER HOSE.
6. ALWAYS MAKE SURE CUTTING CHISEL IS SECURELY LATCHED IN THE TOOL BEFORE DEPRESSING THROTTLE TRIGGER.
7. ALWAYS HOLD CUTTING TOOL DOWN FIRMLY ON THE WORK BEFORE DEPRESSING THROTTLE TRIGGER.

##### LUBRICATION

To flush out GUM and DART – you should do the following two steps EACH DAY.

1. (Before the shift), pour a liberal quantity of gum solvent oil into the tool's air inlet.
2. Connect tool to air line and operate.

Repeat this procedure before storing the tool.

Air line lubricator should be used in conjunction with the integral oiler.

The important of adequate and continuous lubrication cannot be overemphasized.

A few minutes operation without oil may severely damage the valve parts, cylinder and piston.

##### AIR SUPPLY (minimum requirements)

1. Compressor / 10hp, 40CFM at 90psig (6.2bar).
2. When using two or more tools, all except leader hoses should be 1" or larger. (see diagram above for piping and fittings.)

FOR BEST OPERATION : Supply tool with 90psig (6.2bar) of clean, dry air.

Higher pressure drastically reduces tool life and can void warranty.

##### LOSS OF POWER / ERRATIC ACTION (possible causes)

1. Reduced compressor output.
2. Excessive drain on air line.
3. Moisture or restricted pipes, hoses or fittings.
4. Improper size or poor condition of pipes, hoses or fittings.
5. Incorrect shank size of chisel or excessively worn shank.
6. Free running (or blank blow) can cause damage to the tool. Always hold the tool down to the work.
7. Loosing of side bolts or backhead bolts will cause loss of power and can cause damage to the tool. Periodic inspection of bolt torque at regular intervals (at least once a week if tool is being used regularly) is recommended.

If everything else appears to be in order, then disassemble tool, replace worn or damaged parts, clean, reassemble and lubricate.

##### REPLACEMENT PARTS

Always use **GENUINE TOKU TOOLS Replacement Parts**.

When replacement parts are required, order by Parts Number and Description from the Parts List.

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