



# American Pneumatic Tool

## CLAY AND TRENCH DIGGERS TOOL MAINTENANCE & REPAIR INFORMATION

### FIELD OPERATION:

#### Before use:

1. Fill the reservoir with air tool oil or 10W equivalent.
2. Tighten nuts on the back head bolts.
3. Check for play in the front head with a tool steel. Replace hex bushing if worn.
4. Check all nuts to ensure they are tight on the tool.
5. Replace retainer if worn.
6. Clean any water and/or dirt from air hose before connecting it to the tool.

#### During use:

1. For your safety and that of others, keep tool against work at all times.
2. When moving from one work area to another, shut off air supply to tool.
3. Never run a tool when steel bit is not against the work.
4. Do not use tool as a wedge or prying instrument.
5. Refill oil reservoir approximately every 2 hours.
6. Check all nuts to ensure they are tight on the tool.

#### After use:

1. Flush tool with cleaning solvent, then refill with air tool oil or 10W equivalent.
2. Do not leave tool in water or dirt.
3. Check all nuts to ensure they are tight on the tool.
4. Store the tool well oiled.

### TROUBLESHOOTING GUIDE:

#### If the tool runs erratically:

1. Check all the nuts to ensure they are tight on the tool.
2. Flush cleaning solvent through the tool and then refill immediately with air tool oil or 10W equivalent.
3. If tool still runs erratically, disassemble and check the cleanliness of the valves, In addition, check for plugged cylinder ports.

#### If the tool has an air leak around the back head:

1. Disassemble and inspect the back head to see if the throttle valve or O ring seals are damaged.
2. Tighten up all back head nuts securely.

#### If the tool is not hitting hard enough:

1. Check all the nuts to ensure they are tight on the tool.
2. If all nuts are tight, then check for wear on internal parts, if worn, parts should be replaced.
3. Check clearances between piston and cylinder bore carefully.

#### If you cannot shut off the tool:

1. Immediately turn off the air source, then disconnect the air supply.
2. Disassemble, back head and inspect the throttle valve and O rings for damage.

For assistance in any sales, technical, maintenance or repair questions, please call:

CROWDER SUPPLY CO INC  
8495 ROSLYN STREET, COMMERCE CITY, COLO RADO 80022  
(303) 433-5144 TOLL FREE: (888) 883-5144 FAX: (303) 433-3928  
WWW.CROWDERSUPPLY.COM

TDS-1048 Rev A