

# Instruction Sheet

## MODEL "750A" KITTYHAWK, JR.

### PNEUMATIC PORTABLE POST DRIVER

**DESCRIPTION:** The Kittyhawk, Jr. is a small pneumatic hammer designed to drive all popular metal posts or pipe up through 2<sup>3</sup>/<sub>8</sub>" in diameter. Its size and weight (55 lbs.) makes it especially useful for off the road operations.

**POWER REQUIREMENT:** An air supply of 45 SCFM at 100 PSI is sufficient for peak efficiency.

**LUBRICATION:** Lubrication is supplied through an in-line lubricator, adjustment of which is controlled by turning adjust screw inside the filler cap. As a guide, adequate lubrication can be considered to be an oil consumption equalling one filling of lubricator in each eight (8) hours of operation. Use Richfield No. 10 R & O oil or equivalent.

**OPERATION & MAINTENANCE:** The model "750A" Kittyhawk, Jr. has shown itself to be an efficient and reliable tool. Malfunctions can occur, however, and the following procedures are recommended as a means of trouble shooting.

#### IF DRIVER FAILS TO OPERATE OR IF DECREASE IN EFFICIENCY IS NOTED:

1. Check air supply for possible obstruction including all hoses, valves, lubricators & filters, etc. It is very important that air supply be **CLEAN**. Always blow out interconnecting hoses before making hookup. Contaminated air is the major cause of malfunctions.
2. Remove cap (14004) and check each valve part for gravel, dirt or other foreign material, particularly around valve shuttle (14012). In assembling or disassembling valve, care should be taken not to damage "O" rings or to use undue force. When assembling, the "O" rings should be "tucked" into grooves with a blunt instrument such as a screw driver to assure proper seat when compressed. A check for cleanliness and burrs is also important as a destruction of alignment or surface relationships will cause adverse operational characteristics.
3. Inspect front end assembly including guide (14022), anvil (14020) and head (14026) for possible breakage. Impact is delivered through this assembly causing a heat and stress buildup and a resulting fatigue factor.
4. Study assembly drawing carefully before making any repairs. If major repairs are necessary, the unit may be returned to the factory **FREIGHT PRE-PAID**. When ordering replacement parts, always specify MODEL, SERIAL NO., PART NO., and NAME.

**NOTE:** Because of the light weight of this tool, a slight "down pressure" of approximately 30-40 lbs. should be applied by pulling down on the gun when running (driving posts). This will greatly increase the penetration rate in most soils. If gun forms an "air lock" and will not start, release valve trigger and wait until gun settles down approximately 3/4 inch. When triggering valve, actuate "very rapidly" as this will help gun to start running.

**NOTE:** Do not attempt to counter balance, as severe damage or injury may result.



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