

VERTEX  
FASTENERS

PANELTACKER

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Model # \_\_\_\_\_

Serial # \_\_\_\_\_



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## Description of Equipment

The Paneltacker is a specially designed machine used by upholstered furniture manufacturers to easily and quickly install Panel Tacks into Chip board or wood panels. This all pneumatic machine accommodates material up to 3/16" in thickness and all different shapes. The straight forward innovative design makes for a productive and versatile machine for all manufacturers.

The Paneltacker is made up of 3 main components:

- 1) Paneltacker Dispenser Frame
  - a) Spool
  - b) Strip Guide
- 2) Paneltacker Head
  - a) Feed Cylinder Assembly
  - b) Driver Cylinder
  - c) Indexing cutting inserts
  - d) Strip guide and pawl
- 3) Pneumatic Controls

## Operation Instruction

**WARNING:** When handling Panel Tacks always wear safety gloves. When operating Paneltacker always wear safety glasses. Never stick your fingers in the Panel Tack firing area.

### 1) Loading the spool of Panel Tacks.

- a) Ready the bobbin by pulling the spring loaded clamps out and away.
- b) Put a spool of Panel Tacks on the bobbin with the start of the clips on top.
- c) Pull the spring loaded clamps out, turn them and lock the spool to the bobbin.

### 2) Guiding the strip to the Paneltacker head.

- a) Untie the wire that secures the Panel Tacks to the spool.
- b) Feed the strip over the payoff guide and insert it into the strip guide on the Paneltacker head. (See Fig C & D)
- c) Push the strip into the strip guide, past the pawl until the end Panel Tack is ready to fire. (See Fig C & D)

### 3) Applying the Panel Tacks to the panel.

- a) Connect the air supply and turn on the valve. Adjust the air pressure to 45 psi.
- b) Place the panel on the anvil in the location you desire a clip and depress the foot pedal.

### 4) Removing Panel Tacks from the machine head.

- a) Pull the handle (VH0142 see Fig. C & D) on the pawl to release the hold of the Panel Tacks. Now back them out using pliers to grip the strip.
- b) If the Panel Tack strip does not easily back out after following instruction 4.a. it may be necessary to remove the guide and the pawl assembly by removing 2 screws (VH0142 see Fig. C & D).

# Maintenance

**WARNING:** Always disconnect air supply before doing any maintenance.

## 1. Rotate cutting inserts.

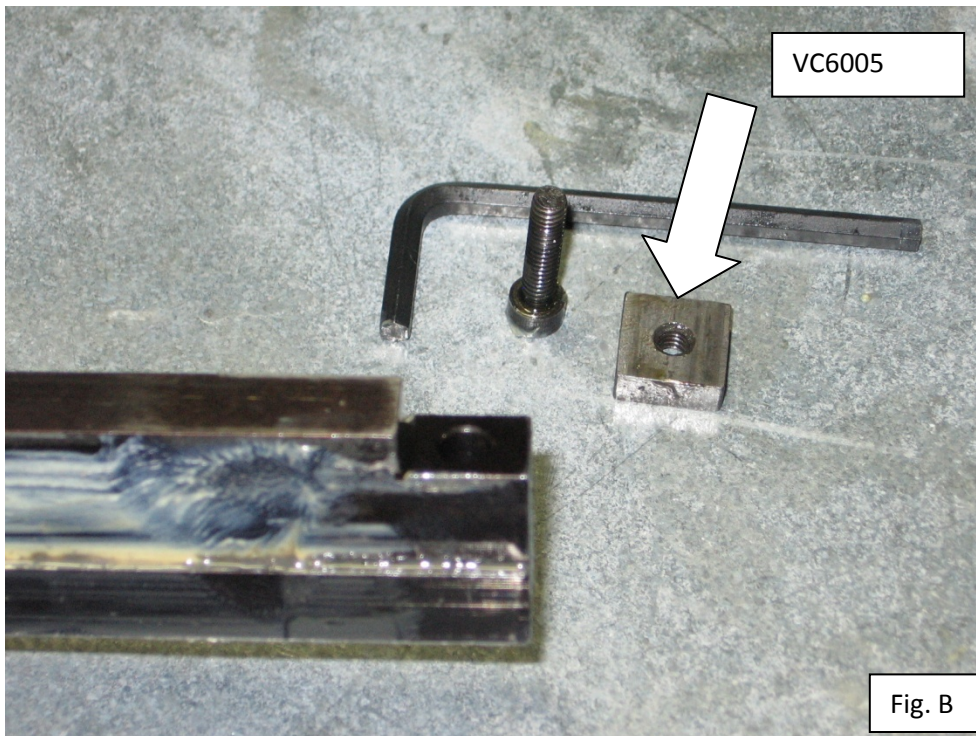
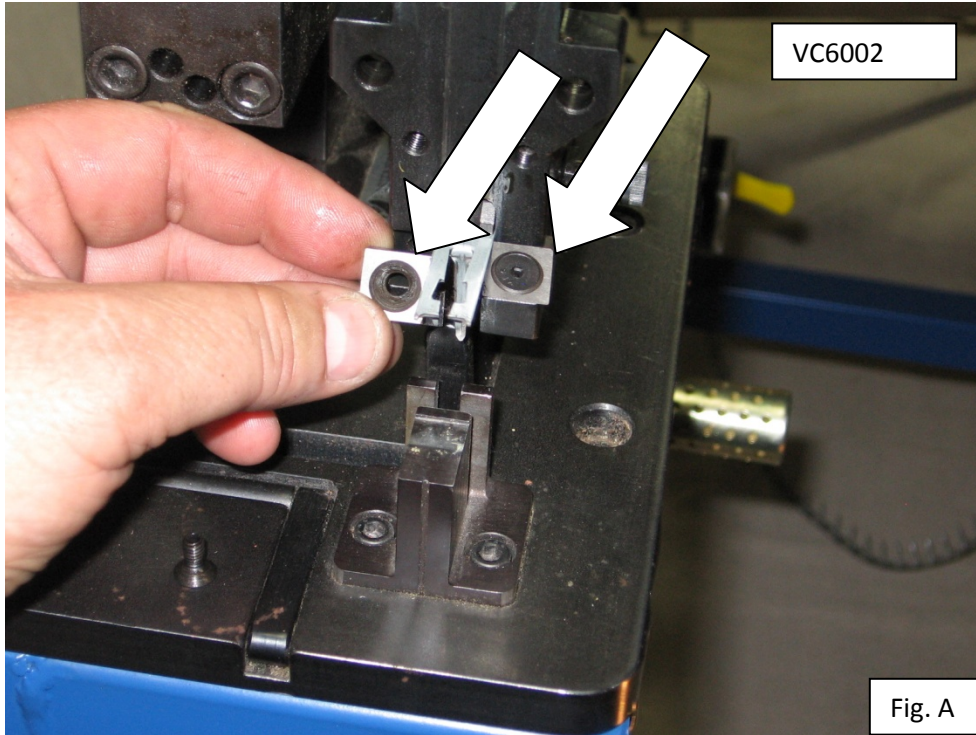
- a) To get to these **3** rotating cutting inserts the Driver Guide VH6007 must be taken off from the head assembly. **Do not remove** the air cylinder from cylinder holder VH6008 or any air lines. Back out **2** screws (VH0530) from the Driver Guide and **6** screws (VH0664) from the Driver Back Plate. All **3** rotating cutting inserts (2 VC6002 and 1 VC6005) are assessable now, just loosen, then rotate to an unused section and tighten back the screws. **Make sure the inserts are centered in their location and flush to their mounting surface.** Now add a little **light grease to the Driver Blade** and reassemble the guide to the machine. See Fig. A, B, C, D & E)

## 2. Lubricate the Driver blade

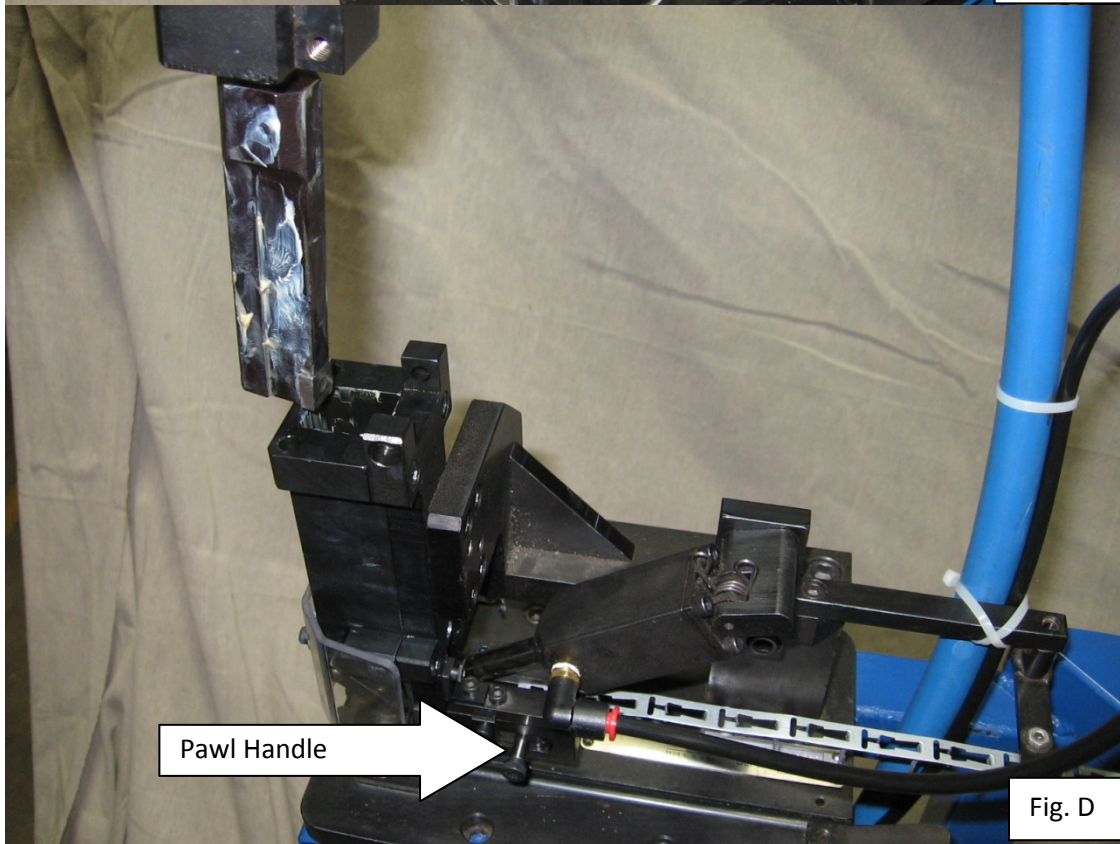
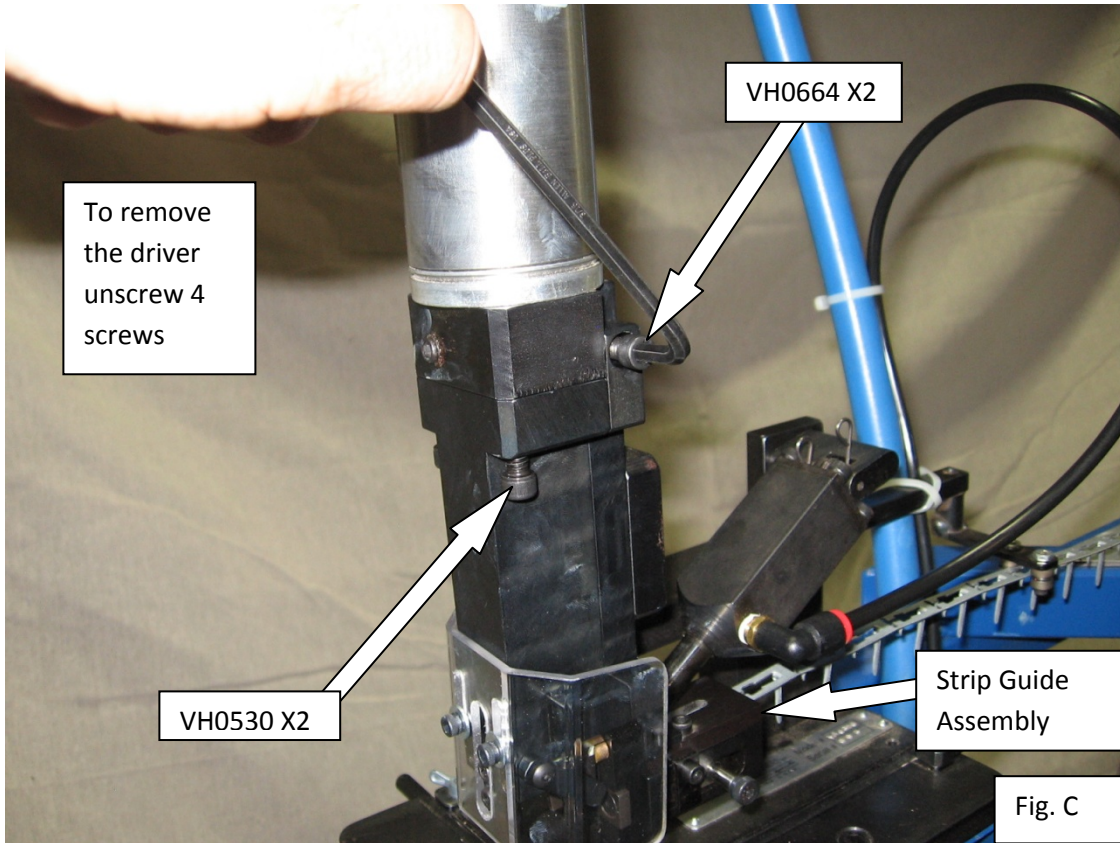
- a) See above to access the Driver Blade and apply a light coat of **White lithium multipurpose grease.** This should be done periodically depending on use.

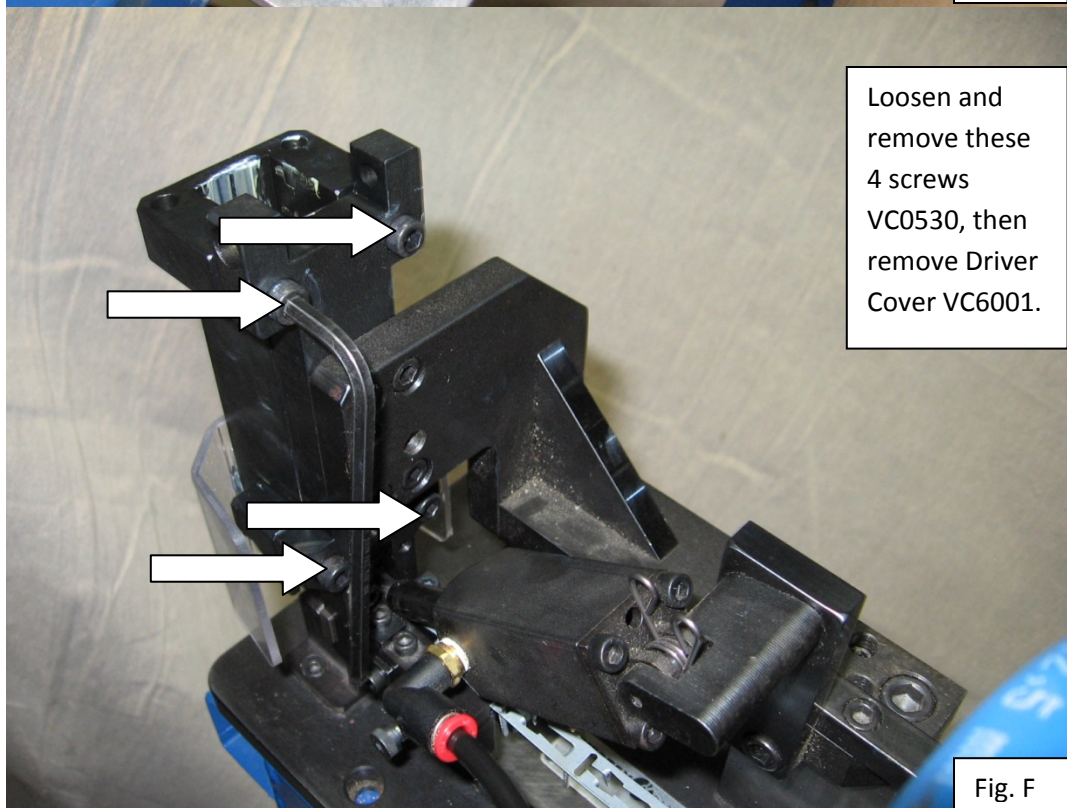
## **Recommended Spare Part List**

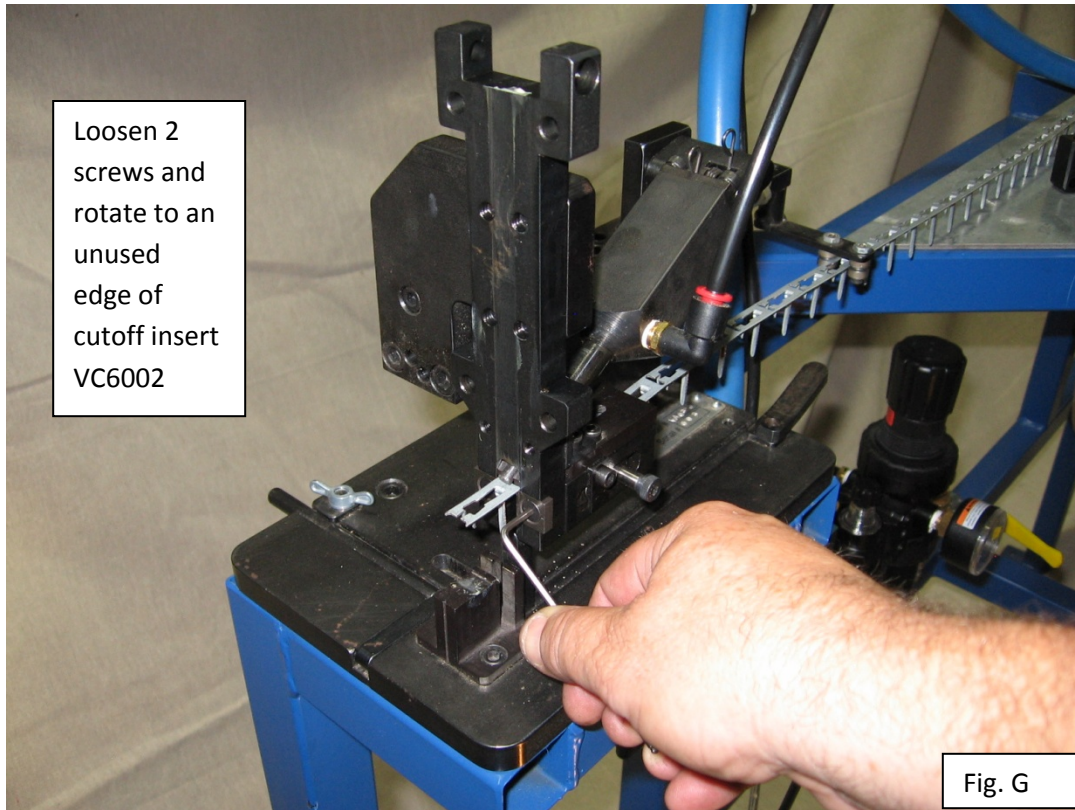
1. VC6002 Rotating Cutting Insert QTY> 2
2. VC6005 Rotating Cutting Insert QTY>1











## Troubleshooting Information

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
Panel Tacks do not feed consistently.	Obstruction in tool, not paying off spool properly or airline is hindering movement of feeding cylinder. Foot control is short or double cycled and Tack Strip feeds improper.	Remove obstruction, correct payoff of strip or readjust airline. See operator instruction
Won't drive a clip	Low air pressure, obstruction or lack of lubrication for driver blade	Increase pressure (Never exceed 30 psi), clear obstruction and lubricate Driver Blade. See Maintenance
Panel Tacks falling off spool.	Improper installation or path of panel tack strip. Spool freewheeling.	Correct installation of strip. See operator instruction. Tighten collar clamp to the spool for more resistance.

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
Brake too tight, spool hard to turn.	Needs adjustment	Loosen brake
Brake too loose, spool unwinds too easy.	Needs adjustment	Tighten brake
Any s	Improper installation or path of panel tack strip. Spool freewheeling.	Correct installation of strip. See operator instruction. Tighten collar clamp to the spool for more resistance.

