

KODI KLIP CORP.
Pneumatic Rebar Connector Tool Owner's manual
Model: KODI KLIP / ALL MODELS



To reduce the risk of possible injury. User must read this manual before operating, handling, or maintaining this tool.

Please keep this manual in safe place for future reference.

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1. General safety rules

i. Personal protection



- User must wear eye protection that conforms to ANSI specifications with front and side protection to guard against flying objects when handling, operating, and servicing this tool. It is employer's responsibility to enforce user and all other nearby personnel at worksite to wear eye protection when operating this tool.



- It is recommended to wear ear protection near or at the job site to prevent hearing damage.



- Beware of the danger of entangled clothes and hair. Do not dress with loose clothing and jewelry at work. Keep you hair, clothes, and gloves away from any moving parts of this tool.



- Keep your fingers AWAY from the trigger when the tool is not in use. This will prevent accidental firing of the tool.



- Never point the nozzle of the tool towards anyone including your self, Regardless if the tool is connected to an air source or not.

ii. Fastener and Tool



- This tool can only be used with clean compressed air with a proper regulating device. The use of any bottled compressed gas may cause explosion or serious injury.
- Only connect this tool to the air source with no more than 10% higher than the max operating pressure. Use regulator between the tool and air source to better control the inlet pressure.



- At the situation of failed regulator, the direct air pressure supplied for the tool, should not exceed 1.5 time of maximum operating pressure or 110psi, whichever is greater.

- Please use only lubrication liquid specified in this manual to perform the lubrication. Use other lubrication may cause damage to the tool and the risk of malfunction that will injure the operator.

- Please keep the tool in clean condition, wipe off grease or oil after work. Do not use any solvent based cleaner to clean the tool. It is possible the solvent will deteriorate the rubber or plastic components on the tool. Greasy handle and body will cause accidental dropping of the tool and injury to a nearby person.



- Only use the Kodi Klip Rebar connectors specified for the tool in this manual. Trying to use any other type of connector that is not compatible to this tool will cause jamming of the tool and injury to the operator or nearby person.

- Do not use the tool to perform any job other than it's designated function. Do not use this tool as a hammer, impact on the tool will increase the risk of cracked body and accidental discharge of connectors.

iii. Work place

Do not use this type of tool on the following places: open or closed box or crate, vehicle or truck, unstable ground or structure.

- Keep the work place clean and free from entangling the air hose.

iv. Service and repair

- Use only spare parts provided by the manufacturer to perform the maintenance.
- Disconnect the power source before performing any maintenance exercise.
- This tool should only be repaired by authorized distributor or trained professional.
- Follow the maintenance instruction in this manual to perform the repair job.

2. Product specification

i. Tool spec

- Model number : Klip Tool Air
- Type of tool : Rebar Connecting Tool
- Dimension : 330 × 76.2 × 304 mm
- Weight of tool : 5.308 lbs or 2.408 Kg
- Maximum permissible operating pressure : 110 psi
- Recommended operating pressure : 65-85 psi
- Recommended lubrications : Air drill oil #22
- Trigger device ; Finger activated trigger.

ii. Noise and vibration data

Noise characteristic:

- Maximum A-weighted impulse sound power level : 102.6dBA
- Maximum A-weighted surface impulse sound pressure level : 90.3dBA
- Vibration : 4.28m/sec²

3. Operation instruction

i. Connect the tool to the air

- Before using the tool, make sure that all moving parts are visible and remain in the released position.
- Check the tool's moving mechanism and make sure all parts are working properly. If the tool does not function properly, stop using the tool.
- Check the pressure gauge and the regulator; the tool is only designed to for use in the pressure range defined in the specs.



- Do not use other sources of high pressure for operation of this tool, use only clean dry compressed air. **USING OTHER BOTTLED GASES MAY**

CAUSE SERIOUS DAMAGE TO THE TOOL AS WELL AS PERSON. USE OF COMBUSTIBLE GAS CAN CAUSE EXPLOSION, INJURY, AND FIRE.

- Keep the air hose as short as practical and make sure the hose diameter is large enough to provide adequate air supply.
- To reduce accidental actuation. Do not compress on the trigger or work contact element when connect to the air source.
- If the tool has leakage at anytime during your use, do not use the tool.
- Lubricate the tool by adding several drops of air tool lubricant to the air inlet before you connect the tool to an air source. In normal use, lubricate the tool at least once per day or twice a day in heavy use conditions.
- Connect the tool to air hose with 1/4" female quick connector. You can choose to use 3/8" quick connect system if 1/4" quick connect is not available.

Loading and unloading the Rebar Klips

Point the nozzle away from any personnel and keep your finger away from the trigger area when loading the Rebar Klips.

- To load the Rebar Klip Strip into the magazine, simply place the strip onto the Klip Track Bar on the tool and push the Klips into the tool chamber



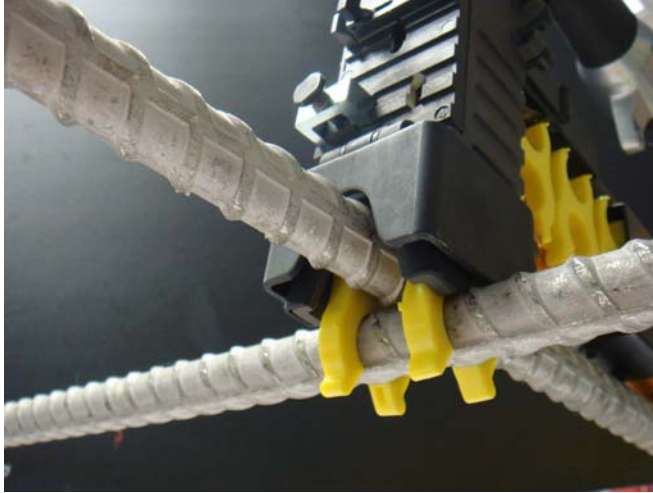
until locked.

- **Removing Rebar Klips from Tool**
- Simply place finger on the Trap Door release lever on the front of the Tool Nozzle and open the Door. Then push the remaining Rebar Klips through the Nozzle until empty then close and secure the Trap Door.



WARNING ! Do not pull Klips backwards to unload! Open Trap Door and push Klips out!

Proper placement of tool on Rebar



- This tool is equipped with a unique Patented **Guide Nozzle**.
- When the tool nozzle is placed properly over the rebar to be connected, it will align itself for cross or parallel connections for you.

4. Maintenance instruction

i. General maintenance

Keep the tool in clean condition at times. Wipe off grease or oil with a dry clean cloth to prevent accidental tool drop. Avoid the use of solvent base cleaners to clean the tool, certain solvents will damage or weaken the composite parts of the tool. Arrange proper filter to keep the air source system in a dry and clean condition. Moisture in cold weather can freeze the tool and cause internal components to damage.

ii. Lubrication

Lubricate the tool frequently but do not put excessive lubrication into the tool. Use only pneumatic tool lubricant to do the lubrication. Do not use any detergent or additive on the tool, these liquids will damage the internal components. Drop 5~10 drops of lubricant into the quick connect and **cycle the tool until oil mist exhausts from the tool before every day work.**

iii. Cold weather

In cold weather conditions where water can freeze, forcing the tool to cycle at high pressure will have very high possibility of damaging the internal components.

Warning: disconnect the power source before performing any maintenance

all

5. Trouble shooting

Failure	Possible causes	Check Method	
No Klip On rebar after firing	No Klips on Tool track	Unplug air supply to tool and open trap door on nozzle of tool. See if Klips are fully loaded in chamber Load new rack of Klips. Check air supply to Tool and make sure it has a minimum 65psi operating pressure.	
Tool won't fire	1. Trap door on Nozzle is not fully closed and has the safety locked 2. Improper air supply to the Tool, under 50 psi won't fire 3. O ring seal on piston of tool is worn out.	1. Open and shut the Trap door again and make sure that the Trap Door latch is secure 2. Check air supply to the Tool with guage and make sure it has at least 65psi to the Tool coupling 3. Replace O ring on piston	
Tool won't fully engage Klip to rebar	1. Low air pressure 2. Not holding tool down firmly and alignment being correct	1. Increase air pressure 2. Apply more downward push on tool before firing	