

Maintenance Instructions

- This is a quality product and with proper care will give you excellent performance for a long time.
- After extensive use (length of time varies according to grit, time of use, etc.) the ceramic nozzle will have to be replaced. Inspect periodically for wear. Using unit with a worn nozzle will cause damage to the unit.
- To replace or inspect the (J-714-2) ceramic nozzle: unscrew the J-712 nozzle protector which holds the nozzle in place. Pull the nozzle out— **BE CAREFUL, IT MAY HAVE SHARP EDGES!** If nozzle has uneven edges, it should be replaced.
- Insert the new nozzle carefully— make sure the O-ring seated next to the metal washer is facing toward the blaster body assembly or the unit will not operate. Screw the J-712 nozzle protector back on the unit.

Your K-800 Canister Blaster has been designed for years of trouble free service. If you unit does not operate properly, refer to the chart below to diagnose your problem.
Limited 90 Day Warranty

Problem

Cause

- | | |
|------------------------------|---|
| Sand does not flow from gun | <ol style="list-style-type: none"> 1. Ceramic nozzle improperly inserted in gun. Make sure ceramic nozzle is inserted with o-ring facing blaster body. 2. Damp abrasive 3. Media particles too large and/or not uniform 4. Dampness in air supply |
| Air flows out of pickup tube | <ol style="list-style-type: none"> 1. Ceramic nozzle improperly inserted in gun. Make sure ceramic nozzle is inserted with o-ring facing blaster body. |

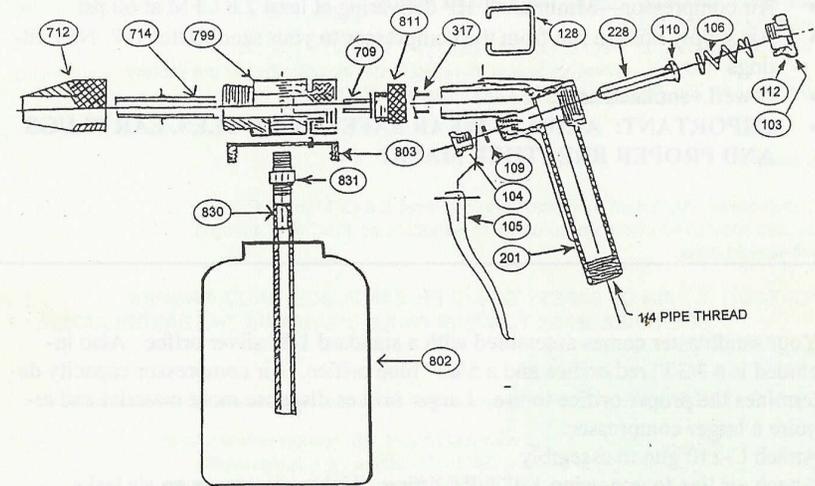
Thank you for using Tri-Con products!



America's Most Durable Spraying Equipment

Tri-Con K-800 Sandblaster

Owners Manual
 Includes Assembly, Operating and
 Maintenance Instructions
DO NOT THROW AWAY!



BLASTER COMPONENTS

- | | |
|--------|---------------------------------|
| 985 | } ---810 Blaster Body Assembly |
| 799 | |
| 803 | |
| 830 | |
| 831 | |
| 712 | |
| 985 | Material Control Valve w/O-Ring |
| 799 | Blaster Body |
| 830 | Pickup Tube |
| 831 | Jam Nut |
| 803 | Lid |
| 802 | 1-Qt. Plastic Jar |
| 709-CS | 1/8" Orifice (Silver) |
| 709-CR | 3/32" Orifice (Red) |
| 709CB | 5/64" Orifice (Blue) |
| 712 | Nozzle Protector |
| 714 | Ceramic Nozzle |

C-210 AIR GUN COMPONENTS

- | | |
|-----|----------------------------------|
| 201 | - Body |
| 103 | - Retainer Cap |
| 104 | - Gland Nut |
| 105 | - Trigger |
| 106 | - Spring |
| 109 | - Valve Stem O-Ring |
| 110 | - Valve O-Ring |
| 112 | - Retainer Cap Washer |
| 128 | - Rivet Ring |
| 228 | - Valve |
| 317 | - Washer Insert |
| 811 | - Extender |
| 255 | - Safety Air Tip-(w/#800-M Only) |

Assembly Instructions

You will receive in your Tri-Con K-800 Package: (refer to parts diagram)

- Sandblast Gun (F-C-210-N)
- Blaster Body Assembly (J-799-2) with 1/4" Ceramic Nozzle (J-714-2)

You will need:

- Air Compressor - Minimum 1 HP delivering at least 2.8 CFM at 60 PSI
- Air supply hose from compressor to sandblaster (1/4" NPT fittings not provided)
- A well ventilated area.
- **IMPORTANT: ALWAYS WEAR SAFETY GOGGLES, EAR PLUGS AND PROPER BREATHER MASK!**
- Your sandblaster comes assembled with a standard 1/8" orifice (J-709-S).
- Attach air line to gun using a 1/4 N.P.T. fitting (not included). Tighten to ensure no air leaks.
- Fill jar with silica or other abrasive material and screw onto lid (K-803)

Air Requirements

Sandblaster with standard 1/4" ceramic nozzle

Air Pressure	@ 80 psi	6.6 cfm
	@ 60 psi	5.8 cfm

OPERATING INSTRUCTIONS

**READ ALL INSTRUCTIONS BEFORE STARTING COMPRESSOR!
NEVER POINT THE SANDBLASTER AT ANYONE. NEVER SPRAY
YOUR HANDS OR BODY.**

1. You must wear safety goggles, ear protection, and a proper breather mask when operating your sandblaster.
2. Start your compressor
3. Operating pressure: 50-125 PSI
4. Hold the sandblaster so that the nozzle is at an angle to the surface being blasted. This will help prevent the media from rebounding directly at you.
5. Pull the trigger of the sandblaster gun back. This will start the sand spraying. To stop operation, release the trigger.

TIPS FOR MORE EFFECTIVE SANDBLASTING

- Any area not to be blasted should be masked.
- The effectiveness of the blaster is increased by holding the nozzle as close to the area being cleaned as possible.
- Move the blaster in steady, even strokes over the area to keep surface even.
- After blasting, clean surface with air or brush to remove any remaining abrasive. THE SURFACE IS NOW READY TO FINISH.

ABRASIVES

- Abrasive that may be used: silica or hard sand, nut shells, corn cobs, aluminum oxide.
- Abrasives must be dry and clean.
- Silica sand is found at foundry supply and building supply stores.



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